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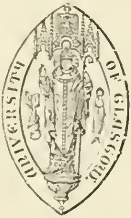

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CALENDAR

FOR THE YEAR

1887-88.

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AUGUST 1887.

1	M	
2	Tu	
3	W	
4	Th	
5	F	
6	S	
7	𝔖	
8	M	
9	Tu	
10	W	
11	Th	
12	F	
13	S	
14	𝔖	
15	M	
16	Tu	
17	W	
18	Th	
19	F	
20	S	
21	𝔖	
22	M	
23	Tu	
24	W	
25	Th	
26	F	
27	S	
28	𝔖	
29	M	
30	Tu	
31	W	

SEPTEMBER 1887.

1	Th	Names of Candidates for Ferguson Scholarships to be given in on or before this day.
2	F	
3	S	
4	𝔖	
5	M	
6	Tu	
7	W	
8	Th	
9	F	
10	S	
11	𝔖	
12	M	
13	Tu	
14	W	
15	Th	
16	F	
17	S	
18	𝔖	
19	M	
20	Tu	Names of Candidates for First, Second, and Third Professional Examinations in Medicine given in to Assistant-Clerk (Matriculation Office).
21	W	
22	Th	Names of Candidates for Examination in General Education (Medical Students), for Preliminary Examination for B.Sc., and for Macdonald Bursaries, given in to Assistant-Clerk (Matriculation Office).
23	F	
24	S	
25	𝔖	
26	M	
27	Tu	
28	W	
29	Th	
30	F	

OCTOBER 1887.

1	S	Names of Candidates for Degrees in Arts, Law, and Science, for Certificate in Engineering Science, for Certificate of Literate in Arts, and for Scholarships, &c., given in to Assistant-Clerk (Matriculation Office). Names of Candidates for Bursaries in the gift of the Merchants' House, for Glasgow City Educational Endowments Bursaries, and for Hannay Bursary to be given in as directed at p. 232.	
2	S̶		
3	M		
4	Tu	Examinations for Ferguson Scholarships commence.	
5	W	Examination in General Education for Medical Students, and Preliminary Examination for Degrees in Science.—Arith., 9 A.M.; Lat., 12 noon; Eng., 3 P.M.	
6	Th	Do., do., Math., 9; Mech., 12; French, 3.	
7	F	Do., do., Greek, 9; Logic, 12; Mor. Phil., 3.	
8	S	Do., do., Higher Math., 9; Nat. Phil., 12; German, 3.	
9	S̶		
10	M	Examinations for Degrees in Medicine and Science (Zoology, Botany, Chemistry, Geology, Geodesy).	Competition for the Rainy, Macfarlane, Lorimer, and Malcolm Kerr (Chem.) Bursaries.
11	Tu	Do., do., (Physiology, Anatomy, Civil Engineering and Mechanics, Practical Chemistry).	
12	W	Do., do. (Regional Anatomy, Materia Medica, and Pathology).	
13	Th		
14	F		
15	S		
16	S̶		

OCTOBER 1887.

17	M	Matriculation for the year begins.
18	Tu	Names of Competitors for Bursaries and for Preliminary Examinations in Arts given in to Assistant-Clerk (Matriculation Office).
19	W	Meeting of General Council.
20	Th	Theses for M.D. given in.
21	F	
22	S	Names of Candidates for Entrance Examination in Arts given in to Assistant-Clerk (Matriculation Office).
23	S	
24	M	Examinations in Law Subjects for Degrees in Law on this and two following days.
25	Tu	Bursary Competition and Preliminary Examinations in Arts commence (See p. 231). Classes in Faculties of Law and Medicine meet. Professor Simpson's address to Medical Students.
26	W	
27	Th	
28	F	
29	S	Examinations for Degrees of M.A., B.L. (Arts subjects), &c., begin. (See p. 113.)
30	S	
31	M	Last day for receiving Tradesmen's and other Accounts for preceding half-year.

NOVEMBER 1887.

1	Tu	Names of Candidates for Bursaries in Divinity to be given in to Assistant Clerk (Matriculation Office). Results of Bursary Competition declared. Entrance Examination in Faculty of Arts, 1st day.
2	W	Do., do., 2nd day. Classes in Faculty of Arts meet.
3	Th	Meeting of Senate. Election of Library and other Committees. Proposals for Degree of LL.D. received.
4	F	
5	S	Principal's address at 12 noon. Examination for Arnott Prizes at 2 P.M.
6	S	
7	M	Classes in Faculty of Divinity meet. Dr. Robertson's address.
8	Tu	
9	W	
10	Th	
11	F	Return sent to Treasury. Examinations for B.D., and for Bursaries in Divinity, 1st day.
12	S	Do., do., 2nd day.
13	S	
14	M	Last day for giving in University Prize Essays.
15	Tu	Election of Rector.
16	W	
17	Th	Graduation. Representatives at Charitable and other Boards elected. Professors' Accounts for small Class expenses to be given in.
18	F	
19	S	
20	S	
21	M	

A Meeting of Senate is held on the Thursday of every week in the Winter Session.

NOVEMBER 1887.

22	Tu	
23	W	
24	Th	(Last Thursday.) Meeting of Senate on Accounts.
25	F	
26	S	
27	**S**	
28	M	
29	Tu	
30	W	Matriculation ends.

DECEMBER 1887.

1	Th	Class List transmitted by each Professor to Assistant-Clerk (Matriculation Office).
2	F	
3	S	
4	**S**	
5	M	
6	Tu	
7	W	
8	Th	(Second Thursday.) Meeting of Senate. Class Lists examined. Election of Armagh Bursar. List of Vacant Bursaries published.
9	F	
10	S	
11	**S**	
12	M	Payment of Tradesmen's Accounts.
13	Tu	
14	W	
15	Th	
16	F	
17	S	
18	**S**	
19	M	
20	Tu	
21	W	
22	Th	
23	F	Last day on which the Classes meet before the Christmas Holidays.
24	S	
25	**S**	
26	M	
27	Tu	
28	W	
29	Th	
30	F	
31	S	

JANUARY 1888.

1	𝔖	
2	M	
3	Tu	First day on which the Classes meet after the Christmas Holidays.
4	W	
5	Th	
6	F	
7	S	
8	𝔖	
9	M	
10	Tu	
11	W	
12	Th	(Second Thursday.) Meeting of Senate. Vacant Bursaries filled up. Appointment of Finance and other Committees. Appointment of additional Examiners in Arts.
13	F	
14	S	
15	𝔖	
16	M	
17	Tu	
18	W	
19	Th	
20	F	
21	S	
22	𝔖	
23	M	
24	Tu	
25	W	
26	Th	
27	F	
28	S	
29	𝔖	
30	M	Holiday (Monday after last Friday).
31	Tu	*Holiday (for Candlemas). [Prof. Dickson elected Assessor in the University Court, 31st Jan., 1884.]

FEBRUARY 1888.

1	W	
2	Th	
3	F	
4	S	
5	𝔖	
6	M	
7	Tu	
8	W	
9	Th	(Second Thursday.) Meeting of Senate.
10	F	
11	S	
12	𝔖	
13	M	
14	Tu	
15	W	
16	Th	
17	F	
18	S	
19	𝔖	
20	M	
21	Tu	
22	W	
23	Th	
24	F	
25	S	
26	𝔖	
27	M	Holiday (Monday after last Friday).
28	Tu	
29	W	

---

*The Candlemas and Monthly Holidays are not observed in the Medical Faculty.

MARCH 1888.

1	Th	Meeting of Senate. Proposals for Degrees of D.D. and LL.D. received.
2	F	Meeting of Professors for adjudging University and other Prizes.
3	S	
4	𝔖	
5	M	
6	Tu	
7	W	
8	Th	
9	F	
10	S	Last day for lodging applications for Examination for Degrees in Arts, Law, and Science, for Certificate in Engineering Science, and for Certificate of Literate in Arts.
11	𝔖	
12	M	Names of Candidates for First, Second, and Third Professional Examinations in Medicine given in to Assistant-Clerk (Matriculation Office).
13	Tu	
14	W	Names of Candidates for Examination in General Education for Medical Students given in to Assistant-Clerk (Matriculation Office).
15	Th	
16	F	
17	S	Last day for receiving Tradesmen's and other Accounts for preceding half-year.
18	𝔖	
19	M	
20	Tu	Theses for M.D. given in.
21	W	
22	Th	(Penult Thursday.) Meeting of Senate. Election of Commissioner to General Assembly. Snell Examiners appointed.
23	F	Engineering Examinations for B.Sc. commence.
24	S	
25	𝔖	
26	M	Holiday (Monday after Penult Friday).
27	Tu	
28	W	Examinations in General Education for Medical Students— Arith., 9 A.M.; Latin, 12 noon; English, 3 P.M.
29	Th	Do., do., Math., 9; Mech., 12; French, 3.
30	F*	Do., do., Greek, 9; Logic, 12; Mor. Phil., 3.
31	S	Do., do., Higher Math., 9; Nat. Phil., 12; German, 3. Professors' Accounts of Class Expenses under Ordinance to be given in.

---

* The Winter Classes in the Faculty of Medicine close on 30th March.

APRIL 1888.

1	𝔖	
2	M	
3	Tu	
4	W	Winter Classes in Faculty of Law close.
5	Th	
6	F	Examinations for Degrees in Medicine and Science—(Zoology, Botany, Chemistry, Geology, Geodesy).
7	S	Do. (Anatomy, Physiology, Practical Chemistry, Civil Engineering and Mechanics).
8	𝔖	
9	M	Do. (Regional Anatomy, Materia Medica, Pathology).
10	Tu	
11	W	Examinations in Law Subjects for Degrees in Law on this and two following days.
12	Th	(Second Thursday.) Meeting of Senate on Accounts. Examinations for Degree of B.D., 1st day.
13	F	Do., do., 2nd day.
14	S	Last day for returning Books to Library. Examinations for Degrees in Arts, Law (Arts Subjects), and Science (Arts Subjects), for Literate in Arts, and for Snell Exhibitions begin (See p. 113).
15	𝔖	
16	M	
17	Tu	
18	W	
19	Th	
20	F	
21	S	

APRIL 1888.

22	𝕾	
23	M	Library Re-opened.
24	T	
25	W	(Wednesday before close of Session.) Meeting of General Council.
26	Th	
27	F	Graduation in the Four Faculties. Honorary Graduation. Distribution of University Prizes.
28	S	Meeting of Senate.
29	𝕾	
30	M	

MAY 1888.

1	Tu	Summer Session begins.
2	W	
3	Th	
4	F	
5	S	
6	𝕾	
7	M	
8	Tu	
9	W	
10	Th	Payment of Tradesmen's and other Accounts. Meeting of Med. Faculty.
11	F	
12	S	
13	𝕾	
14	M	
15	Tu	Return sent to Treasury.
16	W	
17	Th	
18	F	
19	S	
20	𝕾	
21	M	
22	Tu	Names of Candidates for Final Professional Examination in Medicine given in to Assistant-Clerk (Matriculation Office).
23	W	
24	Th	
25	F	
26	S	
27	𝕾	
28	M	
29	Tu	
30	W	
31	Th	

JUNE 1888.

1	F	Clinical Examinations begin.
2	S	
3	𝔖	
4	M	
5	Tu	
6	W	
7	Th	
8	F	
9	S	
10	𝔖	
11	M	
12	Tu	
13	W	
14	Th	
15	F	
16	S	
17	𝔖	
18	M	
19	Tu	
20	W	Theses for M.D. given in.
21	Th	
22	F	
23	S	
24	𝔖	
25	M	
26	Tu	
27	W	
28	Th	
29	F	
30	S	

JULY 1888.

1	𝔖	
2	M	Names of Candidates for First, Second, and Third Professional Examinations in Medicine given in to Assistant Clerk (Matriculation Office).
3	Tu	
4	W	
5	Th	
6	F	
7	S	
8	𝔖	
9	M	Final Professional Written Examination for Degrees in Medicine on this and two following days.
10	Tu	
11	W	
12	Th	First Professional Written Examination for Degrees in Medicine on this and following day.
13	F	
14	S	Second Professional Written Examination for Degrees in Medicine.
15	𝔖	
16	M	Third Professional Written Examination for Degrees in Medicine.
17	Tu	
18	W	
19	Th	
20	F	
21	S	
22	𝔖	
23	M	
24	Tu	
25	W	
26	Th	Meeting of Senate. Graduation in Medicine.
27	F	
28	S	
29	𝔖	
30	M	
31	Tu	

UNIVERSITY OFFICERS.

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JOHN CAIRD, D.D., LL.D.

RECTOR.

EDMUND LAW LUSHINGTON, LL.D., D.C.L.

PRINCIPAL.

JOHN CAIRD, D.D., LL.D.

University Court.

		Appointed
President,—The Rector of the University,		1884
The Principal,		1873
Alexander Crum, M.P., Dean of Faculties,		1885
Sir James King, LL.D., Assessor nominated by Chancellor,		1887
Alexander B. M'Grigor, LL.D.,	.. Rector,	1884
Anderson Kirkwood, LL.D.,	.. General Council,	1871
Professor Dickson, D.D., LL.D.,	,. Senate.	1884

Senatus Academicus.[*]

PRESIDENT,..................THE PRINCIPAL.........................1873

PROFESSORS.

	CHAIRS.	Appointed
William Purdie Dickson, D.D.,LL.D.,	*Divinity,*	1873
Sir William Thomson, LL.D., D.C.L., F.R.S.,	*Natural Philosophy,*	1846
Robert Grant, LL.D., F.R.S.,	*Practical Astronomy,*	1859
John Nichol, LL.D.,	*English Language and Literature,*	1862
William T. Gairdner, M.D., LL.D.,	*Practice of Medicine,*	1862
George G. Ramsay, LL.D.,	*Humanity,*	1863
John Veitch, LL.D.,	*Logic and Rhetoric,*	1864
Edward Caird, LL.D.,	*Moral Philosophy,*	1866
John Young, M.D.,	*Natural History,*	1866
James Roberton, LL.D.,	*Conveyancing*	1867
William Leishman, M.D.,	*Midwifery,*	1868
Sir George H. B. Macleod, M.D.,	*Surgery,*	1869
Pierce A. Simpson, M.A., M.D.,	*Forensic Medicine,*	1872
James Thomson, LL.D., D.Sc., F.R.S.,	*Civil Engineering and Mechanics,*	1873
William Stewart, D.D.,	*Biblical Criticism,*	1873
George Buchanan, M.A., M.D	*Clinical Surgery,*	1874
T. M'Call Anderson, M.D.,	*Clinical Medicine,*	1874
John Ferguson, M.A., LL.D.,	*Chemistry,*	1874
Richard C. Jebb, Litt.D., LL.D.,	*Greek,*	1875
John Gray M'Kendrick, M.D., LL.D., F.R.S.,	*Institutes of Medicine,*	1876

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[*] "The precedency of the Masters in point of ceremony shall, in all time coming, be, that the Professor of Divinity take place first after the Principal, and that all the other Masters and Professors of whatever kind take place of other according to the seniority and time of their admissions into their respective offices."—*Statute of Royal Visitation, 1727.*

PROFESSORS—*Continued.*

	CHAIRS.	Appointed
James Robertson, D.D.	*Oriental Languages,*	1877
John Cleland, M.D., LL.D., D.Sc., F.R.S.,	*Anatomy*	1877
William Jack, LL.D.,	*Mathematics,*	1879
Matthew Charteris, M.D.,	*Materia Medica,*	1880
Frederick O. Bower, M.A., F.L.S.,	*Botany*	1885
Philip Jenkins,	*Naval Architecture, including Marine Engineering,*	1886
Robert Herbert Story, D.D.,	*Church History,*	1886
————	*Law of Scotland,*	—

LECTURERS.

John Young, M.D.,	*Honyman Gillespie Lecturer.*
Thomas Reid, M.D.,	*Waltonian Lecturer.*
Wm. Galbraith Miller, M.A., LL.B.,	*Public Law.*
Alexander Ure, M.A., LL.B.,	*Constitutional Law and History.*
David Yellowlees, M.D.,	*Insanity.*

ASSISTANTS TO PROFESSORS.

Humanity,	John Brown, M.A. Archibald M'Laren, M.A.
Greek,	Alexander Murdoch.
Natural Philosophy	Magnus Maclean, M.A.
Mathematics,	George A. Gibson, M.A. John Weir, M.A.
Anatomy,	John Y. MacKay, M.D. R. Bruce Young, M.A., M.B. James A. Adams, M.D. Andrew M. Ramsay, M.B.
Chemistry,	John Hutcheson, F.C.S. Geo. G. Henderson, M.A., B.Sc.
Materia Medica,	Alexander Napier, M.D.
Forensic Medicine,	Donald Munro.

ASSISTANTS TO PROFESSORS—*Continued.*

Institutes of Medicine,	J. M'Gregor-Robertson, M.A., M.B.
Practice of Medicine,	George S. Middleton, M.A., M.D.
Surgery,	George Beatson, M.D.
Natural History,	John H. Fullarton, M.A., B.Sc.
Midwifery,	Murdoch Cameron, M.D.
Clinical Surgery,	J. C. Renton, M.D.
Clinical Medicine,	William G. Dun, M.D. John Lindsay Steven, M.D.
Arnott and Thomson Demonstrator in *Experimental Physics,*	Jas. Thomson Bottomley, M.A.
Young Assistant in *Civil Engineering and Mechanics,*	Alexander B. Dobbie.
Muirhead Demonstrator of *Physiology,*	William Snodgrass, M.A., M.B.

EXAMINERS FOR DEGREES.

In Divinity.—The Professors in the Faculty of Divinity.

In Law.—The Professors in the Faculty of Law, assisted by

William Galbraith Miller, LL.B., Advocate.
Alexander Ure, LL.B., Advocate.
Thomas C. Young, LL.B.

In Medicine.—The Professors in the Faculty of Medicine, assisted by

John Brunton, M.D.
Joseph Coats, M.D.
J. Bell Pettigrew, M.D.
David Newman, M.D.
A. W. Macfarlane, M.D.
James Wallace, M.D.
William Whitla, M.D.
James J. Dobbie, M.A., D.Sc.
George Murray.
R.F.C. Leith, M.A., B.Sc., M.B.

Examiners for Degrees—*Continued*.

In Arts.—The Professors of Humanity, Greek, Logic, Moral Philosophy, Natural Philosophy, Mathematics, and English Literature, assisted by

John H. Muirhead, M.A.,	Examiner in	Classics,	1884*
John S. Mackenzie, M.A..	,,	Mental Philosophy,	1885
John M. Dodds, M.A.,	,,	Mathematics,	1886

In Science.—Professor Sir Wm. Thomson, D.C.L., Professor Grant, LL.D., Professor Young, M.D., Professor J. Thomson, D.Sc., Professor Ferguson, M.A., Professor M'Kendrick, M.D., Professor Cleland, M.D., Professor Jack, LL.D., Professor Bower, M.A., Professor Jenkins.

KEEPER OF HUNTERIAN LIBRARY AND MUSEUM.

Professor Young, M.D.

UNDER-KEEPER.

John Young, F.G.S.

CURATOR OF LIBRARY.

Professor Dickson, D.D., LL.D.

LIBRARIAN.

James Lymburn.

SUB-LIBRARIAN.

James L. Galbraith.

SECRETARY TO THE UNIVERSITY COURT.

Anderson Kirkwood, LL.D., 145 West George Street.

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* Mr. Muirhead's term of office expires on 30th September.

CLERK OF SENATE.

Professor Stewart, D.D., 18 Annfield Terrace, Partickhill.

ASSISTANT-CLERKS.

W. Innes Addison, Matriculation Office.

James Coutts, M.A., Registration Office.

REGISTRAR OF THE GENERAL COUNCIL.

James Coutts, M.A.

SECRETARY TO THE GENERAL COUNCIL.

David Hannay, 205 St. Vincent Street.

FACTORS.

Hill, Davidson, & Hoggan, 194 Ingram Street.

LAW AGENTS.

Mitchells, Cowan, & Johnston, 160 West George Street.

PUBLISHERS AND BOOKSELLERS TO THE UNIVERSITY.

James MacLehose & Sons, 61 St. Vincent Street.

PRINTER TO THE UNIVERSITY.

Robert MacLehose, 153 West Nile Street.

ROBE MAKERS TO THE UNIVERSITY.

James Thomson & Son, 84 and 86 St. Vincent Street.

HEAD SERVANTS.

Bedellus and Janitor, ...	Lauchlan M'Pherson.
Master of Works, ...	David Stewart.

I.—THE UNIVERSITY.

The University of Glasgow is a corporate body, which has always included a Chancellor, Rector, Dean of Faculties, Principal, Professors, and Students. It was originally founded, like most other ancient establishments of the same nature, by the authority of the See of Rome. Pope Nicholas V, by a bull, dated the seventh of January, 1450-1, erects and establishes in Glasgow a "*Studium Generale . . . tam in theologia ac jure canonico et civili, quam in artibus, et quavis alia licita facultate.*" He then declares that this University shall have the same power of creating Masters and Doctors as any other "*studium generale*" in Christendom, and appoints the Bishop of Glasgow and his successors, Chancellors and Rectors by his authority. In the same year a body of statutes was prepared, and the University established by the exertions of the Bishop and his Chapter. It consisted, at this time, of the Chancellor and Rector, of various Masters and Doctors in the Faculties of Theology, Canon Law, and the Arts; and, lastly, of the incorporated students in these Faculties, who might be promoted to the same degrees in each, after following out the course of study prescribed in the statutes.

The University, at this time, had received no endowments, and was possessed of no property, except a University purse, into which were put some small perquisites on conferring degrees, and the patronage of two or three small chaplainries. It continued, however, to discharge its important functions with great zeal and activity, and attracted a greater number of members than could well have been expected in that rude period of society. The University Records contain little information as to lectures delivered in the Higher Faculties, or the number of the students who attended them. But we learn that within three or four years after the establishment of the University, so many young men were matriculated in the Faculty of Arts, that it was thought expedient to provide a house in which they might reside, and to secure a regular set of teachers for their instruction.

The house provided for the accommodation of the students in Arts was known by the name of Pædagogium, or the College of Arts. It is said to have been situated in the Rottenrow; but in the year 1460, James, Lord Hamilton, bequeathed to Mr. Duncan Bunch, principal Regent of the College of Arts, and his successors, Regents, for the use of the said College, a tenement in the High Street, with four acres of land adjoining. In buildings situated on this ground the classes of the University continued to meet for four hundred and ten years.

The Reformation produced at first great disorder in the University, its members being clergymen of the Catholic persuasion. and its chief support being derived from the Church. In 1577, James VI prescribed very particular rules with regard to the College and the form of its government, and made a considerable addition to its funds. The charter by which the king made these regulations, and gave that property, is known by the name of *Nova Erectio.*

By this charter, provision was made for the support of a Principal, who was to teach Theology and the Holy Scriptures, and was also Professor of Hebrew and Syriac, and three Regents, of whom one was to teach Greek and Rhetoric, another Dialectics, Morals, and Politics, with the Elements of Arithmetic and Geometry, and the third, who was also Sub-Principal, was to teach all the branches of Physiology and Geography, Chronology and Astrology. The Regents were to keep each by his own Profession, so that the student had a new Regent every year.*

From this small beginning, the University continued to prosper till the era of the Restoration, having at that time, besides the Principal, two Professors of Theology, one of Medicine, four Regents or Professors of Philosophy, and one of Humanity, a Librarian, with a tolerable Library, an increased number of Bursars and of other students of all ranks. At the Restoration, however, being deprived of a great part of its revenues in consequence of the re-establishment of Episcopacy, three of the Professorships fell into abeyance, and the College was again reduced to a Principal, a Professor of Theology, and four Regents. This state of matters continued till the Revolution, when the University again began to prosper after a long period of depression.* In the first twenty years of last century, six Professorships were either originally founded or revived—viz., those of Humanity (1706), Oriental Languages (1709), Civil Law (1712), Medicine (1712), Church History (1716), and Anatomy (1718); and to these a Professorship of Astronomy was added in 1760. The remaining fifteen Professorships were founded during the present century—viz., Natural History (1807), Surgery (1815), Midwifery (1815), Chemistry (1817), Botany (1818), Materia Medica (1831), Institutes of Medicine (1839), Forensic Medicine (1839), Civil Engineering (1840), Conveyancing (1861), English Language and Literature (1861), Divinity and Biblical Criticism (1861), Clinical Surgery (1874), Clinical Medicine (1874), Naval Architecture (1883).

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* This system was altered in 1642, in accordance with the practice of the other Universities; but returned to after the Revolution. The four classes necessary to Graduation in Arts were called—the first, Bajan; the second, Semi; the third, Baccalour; the fourth, Magistrand.

UNIVERSITY BUILDINGS.

The changes in the City of Glasgow, connected with the vast extension of its commerce and manufactures, having so entirely altered the character of the district in which the University Buildings were planted four hundred years ago, as to render the locality altogether unsuitable for an Academic Institution; and the buildings themselves having become, by their limited extent and defective construction, inadequate for the modern requirements of a great educational establishment; measures were adopted for the removal of the University to more extended and commodious buildings, and for this purpose a large extent of ground was secured in the lands of Gilmorehill, in the western part of the City.

In 1846, a Bill for the sale of the College grounds and buildings to the Monklands Junction Railway Company, and the transference of the University to a new site on Woodlands, was passed by both Houses of Parliament, and received the Royal assent. But that measure failed by the inability of the Railway Company to implement their engagements; and the Senate of the University found no favourable opportunity for the renewal of the scheme, till the year 1863, when a proposal for the purchase of the College lands and buildings was made by the City of Glasgow Union Railway Company, and a sale was accordingly effected to that Company, under their Act of Parliament, in 1864, at the price of £100,000.

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* See Dr. Thomas Reid's Account of the University of Glasgow.

The funds at the disposal of the University to carry out the scheme of removal consisted of—(1.) The produce of the sale of the old College and grounds, £100,000,—(2.) A sum of £17,500, consisting of the principal sum of £10,000, obtained by the University as compensation from the Monklands Junction Company, for non-fulfilment of their agreement, with interest since the time of payment, and—(3.) A sum of £21,400, promised by Her Majesty's Government in aid of the scheme of removal, conditionally on a further sum of £24,000 being raised by public subscription, for the erection of a sick hospital in connection with the new University Buildings.

With these funds at their disposal, buildings might have been erected sufficient for the transaction of the ordinary business of instruction in the same manner as heretofore, and for the accommodation of the Library and Museum, but they must have been of the plainest design, and on a scale quite inadequate to provide for the future extension of the University.

In these circumstances, the Senate resolved to make an earnest appeal for aid to the Government and to the public. This appeal was responded to in the most generous and gratifying manner. In a short time a sum of nearly £100,000 was subscribed, chiefly in the City of Glasgow; and the Government, appreciating the importance of the work, and the public interest it had excited, announced their intention to ask Parliament for the sum of £120,000, in six annual instalments, on condition of a like amount being raised by subscription and expended on the buildings. This sum has now been paid out of the National Treasury, and the public subscription for the University Buildings and the Western Infirmary has reached the large amount of £246,494, including £45,000 from the Marquis of Bute for the erection of the Bute Hall. From these funds a sum of £30,000 was allocated to the Western Infirmary.

The efforts of the University being thus seconded in so gratifying a manner by the public and the Government, new buildings, designed by the late Sir G. Gilbert Scott, were erected on the grounds of Gilmorehill; and in these buildings the classes of the University met for the first time in session 1870-71.

GOVERNMENT OF THE UNIVERSITY.

Previous to the Universities Act of 1858, the whole business of the University was transacted in three distinct courts—namely, the Senate, the Faculty, and the Comitia.

The *Senate* consisted of the Rector, the Dean, the Principal, and all the Professors of the University. Meetings of the Senate were held for conferring degrees, and for the management of the libraries and other matters belonging to the University.

The *Faculty*, or College Meeting, consisted of the Principal, who presided, and the Professors of Divinity, Church History, Oriental Languages, Natural Philosophy, Moral Philosophy, Mathematics, Logic, Greek, Humanity, Civil Law, Medicine, Anatomy, and Practical Astronomy. The Members of Faculty had the administration of the whole revenue and property of the College, along with the right of exercising the patronage of eight professorships vested in the College. They also presented a Minister to the Parish of Govan, and had the gift of various bursaries.

The Constituent Members of the *Comitia* were the Rector, the Dean, the Principal, the Professors, and the Matriculated Students of the University. The Rector or Vice-Rector presided in this court, and also in the Senate. Meetings of the Comitia were held for the election and admission of the Rector, for hearing the inaugural discourses of the Principals and Professors previously to their admission to their respective offices, and for promulgating the laws of the University.

Besides these a court, called the *Jurisdictio Ordinaria*, consisting of the Principal, the four Regents (viz., the Professors of Greek, Logic, Ethics, and Physics), and the Professor of Humanity, with the gowned students, met occasionally, for the exercise of discipline over the junior students.

By the Scottish Universities Act, 21 and 22 Vict., chap. 83, important changes were made in the constitution and government of the University. The distinction between the Faculty and the Senate was abolished; two new bodies, called the University Court, and University Council, were instituted; and Commissioners were appointed, armed with extensive powers of revision and regulation, who issued ordinances, sanctioned by Her Majesty, in accordance with which the affairs of the University are now administered.

CHANCELLOR.

The Chancellor is the head of the University, and, by himself or his deputy, has the privilege of conferring Academical Degrees upon persons found qualified by the Senate. All changes in the internal arrangements of the University must have the sanction of the Chancellor before being carried into effect. He is elected by the General Council, of which he is president. His office is held during life. He is empowered to appoint a Vice-Chancellor, to discharge his office in his absence, so far as regards conferring Degrees, but in no other respect. The office of Vice-Chancellor has usually been, and is now, held by the Principal.

Chancellors from the year 1642.

1642. James Hamilton, Marquis of Hamilton.
1660. William Cunningham, Earl of Glencairn.
1661. Andrew Fairfowl, Archbishop of Glasgow.
1664. Alexander Burnett, ,, ,,
1670. Robert Leighton, ,, ,,
1674. Alexander Burnett, ,, ,,
1679. Arthur Ross, ,, ,,
1684. Alexander Cairncross, ,, ,,
1687. John Paterson, ,, ,,
1691. John Carmichael, Earl of Hyndford.
1715. James Graham, Duke of Montrose.
1743. William Graham, ,, ,,
1781. James Graham, ,, ,,
1837. James Graham, ,, ,,
1875. Sir William Stirling-Maxwell, Bart., M.P.
1878. Walter Francis, Duke of Buccleuch and Queensberry, K.G.
1884. John Hamilton Dalrymple, Earl of Stair, K.T.

GENERAL COUNCIL.

The General Council, as constituted by the Scottish Universities Act, 1858 (21 and 22 Vict., chap. 83), by the Representation of the People (Scotland) Act, 1868 (31 and 32 Vict., chap. 84), and by the Universities Elections Amendment (Scotland) Act, 1881 (44 and 45 Vict., chap. 40), consists of the following *ex officio* Members, viz., the Chancellor, the Members of the University Court from and after their first election, and the Professors, and also of the following persons after registration, viz., all Masters of Arts of the University, and all persons on whom the

University has, after Examination, conferred the Degree of Doctor of Medicine, or Doctor of Science, or Bachelor of Divinity, or Bachelor of Laws, or Bachelor of Medicine, or Bachelor of Science, or any other Degree instituted since 13th July, 1868; and also all persons who, previous to the 2nd August, 1861, had, as matriculated students, given regular attendance on the course of study in this University for four complete sessions, or such regular attendance for three complete sessions in this University, and regular attendance for one such complete session in any other Scottish University, the attendance for at least two of such sessions having been on the course of study in the Faculty of Arts.

Members of the Council must have their names enrolled in a book kept for the purpose by the Registrar. The Register of the Council is made up annually on the first day of December, for the year following, and includes the names of all members entered on the Registration Book on or before the 30th day of November in each year. The Registration Fee, which is a payment for life, is 20s.

By section 16 of the Act 44 and 45 Vict., chap. 40, it is enacted that no person shall be allowed, after examination, to graduate at any of the Universities of Scotland until he shall have paid the Registration Fee; and it is further enacted that every person who has hitherto been, or who shall in the future become, *ex officio*, a member of the General Council of any of the Universities shall, on payment of the Registration Fee, be put and continued on the Register of Members of General Council of such University during his life, and shall be entitled to all the privileges of a Member of Council. The Act also provides that no person, subject to any legal incapacity, shall be entitled to vote at any parliamentary election, or exercise any other privilege as a Member of the General Council.

The corrupt payment of any Registration Fee is punishable as bribery.

The Council meets twice every year—viz., on the Wednesday before the opening (19th October, 1887), and the Wednesday before the close of the winter session (25th April, 1888). It is competent to the Council to take into consideration all questions affecting the well-being and prosperity of the University, and to make representations, from time to time, to the University

Court, who shall return to the Council their deliverances thereon.

The Chancellor and one of the Assessors in the University Court are elected by the Council. The manner in which these officers are elected is regulated by Ordinance of the Universities Commissioners, No. 11, §§ ix. x. The President of the Council is the Chancellor; whom failing, the Rector; whom failing, the Principal; whom failing, the Senior Professor present.

The General Councils of the Universities of Glasgow and Aberdeen jointly return a representative to Parliament.

Number of Members of the General Council, 4416. For names of Members, see Appendix.

Members of Parliament for the Universities of Glasgow and Aberdeen.

1868. Right Hon. James Moncreiff, LL.D., Lord Advocate.
1869. Right Hon. Edward S. Gordon, LL.D., Dean of the Faculty of Advocates.
1876. Right Hon. William Watson, LL.D., Lord Advocate.
1880. JAMES ALEXANDER CAMPBELL, LL.D.

RECTOR.

The Rector is elected by the matriculated students of the University, divided into four nations.* In the case of an equality of nations the Chancellor has the casting vote. The election takes place upon the 15th November (the 16th, if the 15th falls on Sunday); the term of office is three years. The Rector is the official President of the University Court.

Rectors from 1773.

1773. Charles Cathcart, Lord Cathcart.
1775. Lord Chief Baron Montgomerie.
1777. Andrew Stewart, Esq., of Torrance.
1779. James Maitland, seventh Earl of Lauderdale.
1781. Right Hon. Henry Dundas.

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* The nations are constituted as follows:—

1. The Natio Glottiana consists of all matriculated students born within the County of Lanark.
2. The Natio Transforthana consists of all matriculated students born within any of the Counties of Orkney and Shetland, Caithness, Sutherland, Ross, Inverness, Cromarty, Nairn, Moray, Banff, Aberdeen, Perth, Forfar, Kincardine, Clackmannan, Fife, Kinross, Argyle, Stirling, and Dumbarton.
3. The Natio Rothseiana consists of all matriculated students born within any of the Counties of Bute, Renfrew, and Ayr.
4. The Natio Loudoniana consists of all matriculated students not included in any of the other nations.

1783. Right Hon. Edmund Burke.
1785. Robert Graham, Esq. of Gartmore.
1787. Adam Smith, LL.D.
1789. Walter Campbell, Esq. of Shawfield.
1791. Thomas Kennedy, Esq. of Dunure.
1793. William Mure, Esq. of Caldwell.
1795. William M'Dowall, Esq. of Garthland.
1797. George Oswald, Esq. of Auchincruive.
1799. Right Hon. Sir Ilay Campbell, Lord President.
1801. William Craig, a Lord of Session.
1803. Lord Chief Baron Dundas.
1805. Henry Glassford, Esq. of Dugalston.
1807. Archibald Colquhoun, Esq. of Killermont.
1809. Archibald Campbell, Esq. of Blythswood.
1811. Lord Archibald Hamilton.
1813. Thomas Graham, Lord Lynedoch.
1815. David Boyle, Lord Justice Clerk.
1817. George Boyle, Earl of Glasgow.
1819. Kirkman Finlay, Esq., M.P.
1820. Francis Jeffrey, Esq., Advocate.
1822. Sir James Mackintosh, M.P.
1824. Henry Brougham, Esq., M.P.
1826. Thomas Campbell, LL.D.
1829. Henry Petty, Marquis of Lansdowne.
1831. Henry Cockburn, Esq., Solicitor-General.
1834. Lord Stanley, M.P.
1836. Sir Robert Peel, Bart., M.P.
1838. Sir J. G. R. Graham, Bart., M.P.
1840. John Campbell, Marquis of Breadalbane.
1842. Right Hon. Fox Maule, M.P.
1844. Andrew Rutherford, Esq.
1846. Lord John Russell.
1847. Colonel Mure of Caldwell.
1848. Thomas Babington Macaulay, Esq.
1850. Archibald Alison, Esq., Sheriff of Lanarkshire.
1852. Earl of Eglinton.
1854. Duke of Argyle.
1856. Sir Edward Bulwer Lytton.
1859. Earl of Elgin.
1862. Viscount Palmerston.
1865. John Inglis, Lord Justice Clerk.
1868. Lord Stanley (now Earl of Derby).
1871. Right Hon. Benjamin Disraeli, M.P. (Earl of Beaconsfield).
1877. Right Hon. William Ewart Gladstone, M.P.
1880. Right Hon. John Bright, M.P.
1883. Right Hon. Henry Fawcett, M.P.
1884. EDMUND LAW LUSHINGTON, LL.D., D.C.L.

UNIVERSITY COURT.

The University Court consists of the following members:— 1. The Rector. 2. The Principal. 3. The Dean of Faculties.* 4. An Assessor nominated by the Chancellor. 5. An Assessor nominated by the Rector. 6. An Assessor elected by the General Council of the University. 7. An Assessor elected by the Senatus Academicus.†

The Dean of Faculties is elected annually by the Senate. The Rector's Assessor continues in office three years, and the other Assessors four years. The University Court has the following powers, viz.:—

1. To review all decisions of the Senatus Academicus, and to be a Court of Appeal from the Senatus in every case, except as otherwise provided for by the Universities (Scotland) Act, 1858.

* *Deans from the year* 1800.

1800. James Couper, D.D.
1802. Archd. Campbell, Esq., of Succoth.
1804. Gavin Gibb, D.D.
1806. Duncan Macfarlan, D.D.
1808. Gavin Gibb, D.D.
1810. Duncan Macfarlan, D.D.
1812. Gavin Gibb, D.D.
1814. Stevenson Macgill, D.D.
1815. Archibald Campbell, Esq., M.P.
1817. Sir John Connel.
1819. Archibald Campbell, Esq., M.P.
1821. Sir John Connel.
1823. Archibald Campbell, Esq., M.P.
1825. Sir John Connel.
1827. Archibald Campbell, Esq., M.P.
1829. Sir John Connel.
1831. Archibald Campbell, Esq.
1833. Sir A. Campbell, Bart.
1835. Archibald Campbell, Esq.
1837. Sir A. Campbell, Bart.
1839. Kirkman Finlay, Esq.
1841. Lord Dunfermline.
1843. Sir T. Makdougall Brisbane, Bart.
1845. A. Maconochie, Lord Meadowbank.
1847. Earl of Eglinton.
1849. Colonel Mure of Caldwell, M.P.
1851. W. Lockhart, Esq., M.P.
1853. Colonel Mure.
1854. W. Lockhart, Esq.
1857. W. Stirling, Esq., of Keir, M.P.
1860. J. Moncreiff, Lord Advocate.
1863. Sir A. I. Campbell of Succoth.
1865. Henry Glassford Bell, Esq.
1868. Sir James Fergusson, Bart.
1869. Sir Thos. E. Colebrooke, Bart., M.P.
1872. Archd. Orr Ewing, Esq., M.P.
1876. Alexander B. M'Grigor, LL.D.
1879. James King, Esq.
1882. R. W. Cochran-Patrick, Esq., LL.D., M.P.
1885. Alexander Crum, Esq., M.P.

† *Assessors since the University Court was constituted.*

CHANCELLOR.

1859. John Robertson, D.D., Glasgow.
1865. A. Sym, D.D., New Kilpatrick.
1871. James Pearson, D.D., Strathblane.
1874. Robert Jamieson, D.D., Glasgow.
1878. J. A. Campbell, LL.D., Stracathro.
1887. James King, LL.D.

COUNCIL.

1859. Andrew Bannatyne, LL.D.
1864. Lord Kinloch.
1867. Anderson Kirkwood, LL.D.

RECTOR.

1860. Thos. Buchanan, Esq.
1863. Walter Buchanan, Esq., M.P.
1866. Archibald Orr Ewing, Esq.
1869. James A. Campbell, LL.D.
1878. Alexander Crum, Esq.
1880. Charles Cameron, M.D., LL.D., M.P.
1884. A. B. M'Grigor, LL.D.

SENATE.

15th Nov., 1859. Prof. W. Ramsay, M.A.
11th Dec., 1863. Prof. R. Buchanan, LL.D.
12th Dec., 1867. Prof. Allen Thomson, M.D.
11th Jan., 1872. Prof. Sir W. Thomson.
13th Jan., 1876. Prof. Cowan, M.D.
29th Jan., 1880. Prof. Berry, M.A., LL.D.
31st Jan., 1884. Prof. Dickson, D.D., LL.D.

2. To effect improvements in the internal arrangements of the University, after due communication with the Senatus Academicus, and with the sanction of the Chancellor, provided that all such proposed improvements shall be submitted to the University Council for their consideration.

3. To require due attention on the part of the Professors to regulations as to the mode of teaching and other duties imposed on the Professors.

4. To fix and regulate from time to time the fees in the several classes.

5. Upon sufficient cause shown, and after due investigation, to censure a Principal or Professor, or to suspend him from his office, and from the emoluments thereof, in whole or in part, for any period not exceeding one year, or to require him to retire from his office on a retiring allowance, or to deprive him of his office; and, during the suspension of any Professor, to make due provision for the teaching of his class; provided always that no such sentence of censure, suspension, or deprivation, or requisition on a Professor to retire from office, shall have any effect until it has been approved by Her Majesty in Council.

6. To inquire into and control the administration by the Senatus Academicus, or Principal and Professors, of the revenue, expenditure and all the pecuniary concerns of the University, and of any College therein, including funds mortified for bursaries and other purposes.

The Court is also intrusted with the patronage of several of the Professorships, appoints the Assistant-Examiners for Degrees, and is a court of final appeal in any dispute which may arise in making up the Register of the General Council. Five Members of the Court constitute a quorum. The Rector is President—in his absence, the Principal.

An abstract of the minutes of the meetings of the University Court during 1886-87 will be found in the Appendix.

PRINCIPAL.

The office of Principal or Principal Regent of the College was almost coeval with the foundation of the University, and was regulated anew by James VI, in 1577. It is in the appointment of the Crown. The Principal is President of the Senatus Academicus; and is also, *ex officio*, a member of the University Court.

Principals from the year 1574.

1574. Andrew Melville.
1580. Thomas Smeaton.
1582. Patrick Sharpe.
1615. Robert Boyd.
1622. John Cameron, D.D.
1626. John Strang, D.D.
1650. Robert Ramsay.
1653. Patrick Gillespie.
1661. Robert Baillie, D.D.
1662. Edward Wright.
1684. James Fall.
1690. William Dunlop.
1701. John Stirling.
1728. Neil Campbell.
1761. Wm. Leechman, D.D.
1786. Archd. Davidson, D.D.
1803. William Taylor, D.D.
1823. Duncan M'Farlan, D.D.
1858. Thomas Barclay, D.D.
1873. John Caird, D.D.

SENATUS ACADEMICUS.

The Senatus Academicus consists of the Principal and the whole of the Professors, and is entrusted with the ordinary superintendence and regulation of the teaching and discipline of the University, and administration of its property and revenues. The Principal, as President, has a deliberative and a casting vote. One-third of the Senate constitute a quorum.

ASSISTANTS TO PROFESSORS.

By ordinance No. 22 of the Universities Commissioners, of date 25th November, 1861, it was provided that an Assistant should be attached to each of the Professorships of Humanity, Greek, Mathematics, and Natural Philosophy, and two (a Teaching Assistant and a Laboratory Assistant) to the Professorship of Chemistry, each of whom should receive a salary of £100, to be annually voted by Parliament. By the same ordinance provision was made for the appointment of an Assistant to the Professor of Anatomy, who should receive a salary from the General University Fund, and of a Joint-Assistant to the Professors of Materia Medica and Forensic Medicine, who should receive a salary of £50 by annual Parliamentary vote, instead of whom (by an alteration of the ordinance sanctioned by the Queen in Council) two assistants are now appointed, one to the Professor of Materia Medica, and the other to the Professor of Forensic Medicine, each of whom receives a salary of £25. These Assistants are all appointed by the Professors, subject to the approval and control of the University Court. Besides the Assistants for whom provision is made by ordinance, there are attached to several of the classes other Assistants, appointed and paid by the Professors.

The Arnott and Thomson Demonstratorship, founded in 1875, is attached to the Chair of Natural Philosophy, and the Muirhead Demonstratorship, founded in 1876, to the Chair of Institutes of Medicine.

There is also an Assistantship to the Professor of Engineering, which was founded in 1876 by the bequest of Mrs. Black, widow of the Rev. Dr. Black, Barony Church, Glasgow, with a salary of £140 or thereby, and designated, in memory of her father, the Young Assistantship. The appointment is made by the University Court in conjunction with the Professor of Engineering.

EXAMINERS FOR DEGREES.

By ordinance No. 14, § ix, of the Universities Commissioners of date 26th Jan., 1861, provision was made for the appointment by the University Court of three persons, not being Professors or Assistants to Professors, to be Examiners, along with the Professors, for the Degree of M.A., one in the Department of Classical Literature, another in that of Mental Philosophy, and the third in that of Mathematical Science, each of whom should receive annually the sum of £80, to be voted by Parliament. By ordinance No. 15, § xvi, of date 16th March, 1861, provision was made for the annual appointment by the University Court of three Assistant Examiners for Degrees in Medicine on a similar footing. But in accordance with an amendment on this ordinance made in 1875, the University Court now appoint ten Examiners. And by ordinance No. 75, § vi, three additional Examiners are appointed for the examination of candidates for the Degrees of B.L. and LL.B.

STUDENTS.

Number of Matriculated Students in the several Faculties, Session 1886-87 :—

In Arts,	1002
Theology,	101
Medicine (including Summer Matriculation of 1886, 102),	748
Law,	351
Arts and Medicine,	25
Arts and Law,	4
Arts and Theology,	7
	2238

By ordinance No. 3 of the Universities Commissioners, every student is required, at the beginning of each session, to matriculate by enrolling his name in the University Album, before joining any class. The office of the Clerk of Senate will be open for the purpose of matriculation on and after Monday, 17th October. The Matriculation Fee is £1 for the Academical Year; for the Summer Session, 10s.

Students are entitled, after matriculation, to the privilege of admission to the University Library, and, under certain conditions, to the Hunterian Museum; they are also entitled to vote for the Lord Rector. They are classified as students in Arts, Theology, Law, and Medicine, according to the nature of their studies; and they are likewise, for academical purposes, divided into Togati and Non-Togati—the students of the Humanity, Greek, Logic, Ethics, and Natural Philosophy classes being Togati or gown students, from being required to wear the ancient academical robe—a scarlet cloak.

Under the Non-Togati, or ungowned students, are comprehended all those who, having finished their course of instruction in Arts, are prosecuting their studies in the other Faculties, with a more immediate view to their intended professions; and it comprises also other persons resident in the city or its vicinity, who, though engaged in other avocations, are disposed to cultivate literary pursuits, or to extend their acquaintance with some favourite branches of learning or science, by attending the lectures given at the University.

A distinction is also made between Public and Private students. The former are required to undergo examinations, and to read or perform exercises on the subjects treated of in the lectures,—and they only are allowed to reckon their sessions of study as a qualification for proceeding to degrees in the several Faculties.

Medical students have access, for the usual attendance in the wards and on the Clinical Lectures, to the Royal Infirmary situated in the Eastern part of the city, and to the Western Infirmary in the immediate vicinity of the University.

UNIVERSITY CHAPEL.

The University Chapel is under the management of a Committee of Senate, of which the Principal is convener.

Public Worship is celebrated every Sunday afternoon during the Winter Session at a quarter past Two o'clock, in the Bute Hall. The services are conducted by graduates of this University and other clergymen of various denominations.

UNIVERSITY CHOIR.

Organist and Director, Mr. Montague Smith.

Students' Committee.

R. Morton, William R. Jack, A. N. M'Greggor, J. Coats, D. M'Donald, A. Goldie, T. Forrest, H. Kirkland, Convener.

Students willing to join the Choir and to give regular attendance at the weekly meetings for practice and at the Sunday afternoon services, are offered a course of instruction by the Organist in the rudiments, theory of music, and harmony. This Class will meet each Friday during the Winter Session at 7.15 p.m., immediately after the close of the Choir practice beginning at 6.30 p.m. The Committee will be glad to furnish any other information, and to receive the names of intending members on or before 1st November, 1887.

GYMNASIUM.

This building was erected by public subscription, and fitted according to the most improved models, under the superintendence of Mr. Maclaren of Oxford, at a total cost of £2,500, and was opened for the first time in January, 1872.

The instructor, Mr. Benson, carries out the system of Mr. Maclaren in its entirety. Students are carefully examined and measured on joining, and the exercises graduated according to strength and proficiency. Each student joins a class which meets at the same hour three days in the week.

Gentlemen not connected with the University are admitted to the use of the Gymnasium, and special evening classes are formed for their benefit.

Fees.—1. *For all Students:* One month, 5s.; Two months, 8s. 6d.; Three months, 12s.; Six months, 20s. 2. *For Non-Students:* the Quarter (*i.e.*, twice a week for three months, or three times a week for two months), 15s.

The Oxford Silver Medal, presented annually by the late Mr. Maclaren, for competition among the students, is continued by his successor. The Bronze Medal for competition among the non-students, is also continued. Successful competitor at the competition in April, 1887—James Brown.

Classes are also formed after Christmas to meet twice a week for instruction in Boxing and Fencing.

The Gymnasium is managed by a joint-committee of professors and students.

Hon. Treasurer, Matthew P. Fraser, LL.B., 91 West Regent Street, Glasgow.

Hon. Secretary, James G. M'Call, 6 St. John's Terrace, Hillhead.

EXAMINATION FOR CANDIDATES FOR THE ARMY.

This Examination, which the Secretary of State for War has accepted as equivalent to the Examination at the English and Irish Universities for similar candidates, consists of three out of the seven Examinations required for the ordinary degree of M.A., but one subject must be taken out of each of the three separate Departments of Classical Literature, Mental Philosophy and Mathematics. Candidates must not be over twenty-one years of age. Examination Fee, £2 2s. This Examination is intended only for students who have actually attended classes in the University.

II.—SEPARATE FACULTIES AND CLASSES.

WINTER SESSION 1887-88.

The Session will be opened on TUESDAY, 25th October. An address will be delivered by the Principal on Saturday, 5th November, at 12 noon, in the Bute Hall.

The University Classes will meet as follows, daily, unless otherwise specified :—

I.—ARTS.

WEDNESDAY, 2ND NOVEMBER.

Classes.	*Hours.*	*Class Fees.*	*Professors.*
Humanity, Junior, . .	8 a.m., . . .	£3 3 0	MR. RAMSAY.
———— *Middle,* . .	8 a.m. and 11 a.m., .	3 3 0	
———— *Senior,* . .	9 a.m. and 1 p.m., .	3 3 0*	
———— *Private,* . .	1 p.m., . . .	1 11 6	
Greek, Junior, Tirones, .	12 noon, . . .	3 3 0	MR. JEBB.
———— *Provectiores,*	10 a.m., . . .	3 3 0	
——*Senior,* . . .	8 a.m. and 2 p.m., .	3 3 0*	
——*Private,* . . .	2 p.m., . . .	1 11 6	
Logic and Rhetoric, . .	9 a.m. daily and 11 a.m. Mon., Wed., and Fri., . .	3 3 0	MR. VEITCH.
——*Higher Course,*	1 p.m., Tues. and Th.,	1 11 6	
Moral Philosophy, . .	8 a.m. daily, and 11 a.m. Mon., . .	3 3 0	MR. CAIRD.
——*Higher Course,* .	. . . . . .	—	
Political Economy, . .	5.30 p.m. Tu. and Fri.,	1 11 6†	
Natural Philosophy, . .	9 a.m. daily, and 11 a.m. Tu. and Th., .	4 4 0‡	SIR WM. THOMSON.
——*Higher Course,* .	12 noon, Mon., Wed., and Fri., . .	—	
Physical Laboratory, . .	10 a.m. to 4 p.m.,	5 5 0	
Mathematics, Lower Junior,	9 a.m. or 10 a.m., .	3 3 0	DR. JACK.
———— *Upper Junior,*	12 noon or 9 a.m., .	3 3 0	
———— *Senior,* . .	10 a.m., . . .	3 3 0	
———— *Upper Senior,*	11 a.m. Mon., Wed., Fri.	2 2 0§	
Astronomy, ...	3 p.m. Tu. and Fri., .	1 1 0	DR. GRANT.

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* The fee for a Third Session of Latin or Greek is £1 1s.

† Mr. William Smart has been appointed Lecturer on Political Economy for Session 1887-88.

‡ Fee for a Second Session, £3 3s.

§ Free to those who have attended the Senior and qualifying course of Mathematics for the degree of M.A.

Classes.	*Hours.*	*Class Fees.*	*Professors.*
Civil Engineering and Mechanics, Junior,	11 a.m., Mon., Wed., and Fri.,	£3 3 0	Dr. Jas. Thomson.
——*Senior,*	4 p.m. daily,	3 3 0	
Office and Field Work in Engineering, Junior,	1 till 3 p.m., Mon., Wed.,	3 3 0	
——*Senior,*	1 till 3 p.m., Tu., Th.,	3 3 0	
English Language and Literature,	Junior, 2 to 3 p.m. daily (Nov.),	3 3 0	Mr. Nichol.
	Senior, 4.30 to 5.30 p.m. daily (Nov.),	3 3 0*	
Naval Architecture, Junior,	11 a.m., Wed. and Fri.,	3 3 0	Mr. Jenkins.
——*Senior,*	11 a.m., Tu. and Th.,	3 3 0	
—— *Practical, Junior,*	1 till 3 p.m., Wed. & Fr.,	3 3 0	
——*Senior,*	1 till 3 p.m., Tu. and Th.,	3 3 0	

II.—THEOLOGY.

Monday, 7th November.

Classes.	*Hours.*	*Class Fees.*	*Professors.*
Divinity, Senior,	11 a.m.,	£3 3 0	Dr. Dickson.
——*Junior,*	12 noon,	3 3 0	
Hebrew, Junior,	10 a.m.,	3 3 0	Dr. Robertson.
——*Senior,*	9 a.m. daily, and 1 p.m. Tu. and Th.,	3 3 0*	
——*Private,*	1 p.m. Mon., Wed., and Fri.,	1 1 0	
Ecclesiastical History, Junior,	11 a.m.,	3 3 0	Dr. Story.
——*Senior,*	12 noon,	3 3 0	
Biblical Criticism,	10 a.m.,	3 3 0	Dr. Stewart.
New Testament Greek,	9 a.m., Tu., Wed., Th.,	2 2 0	

III.—LAW.

Tuesday, 25th October.

Classes.	*Hours.*	*Class Fees.*	*Professors.*
Scottish Law,	8 a.m.,	£4 4 0‡	Mr. Berry.
Civil Law,	5.30 p.m.,	4 4 0	
Conveyancing,	8 a.m.,	4 4 0§	Dr. Roberton.
Forensic Medicine—in Summer (1887) (see under Faculty of Medicine),		3 3 0‡	Dr. Simpson.
Public Law (1888-9),		3 3 0¶	Mr. W. G. Miller.
Constitutional Law and History (in Summer, 1888),		3 3 0	Mr. A. Ure.

Note—The Classes in the Faculty of Law will close on the 4th of April.

* £2 2s. to students who have attended the Junior Class.

* Enrolment free for a third Session in the Hebrew Classes.

‡ Fee for a second Session, £2 2s; for a third Session, £1 1s.

§ Fee for a second Session, £2 2s.

¶ Fee for a second Session, £1 11s. 6d.

IV.—MEDICINE.

TUESDAY, 25TH OCTOBER.

Classes.	*Hours.*	*Class Fees.*	*Professors.*
Natural History, *Zoology,*	9 a.m. (Oct.),	£3 3 0*	DR. YOUNG.
Natural History, *Geology,*	5 p.m. (Nov.).	3 3 0*	
Clinical Medicine,	9 a.m.,	(see p. 85)	DR. M'CALL ANDERSON and DR. GAIRDNER.
Clinical Surgery,	9 a.m.,	(see p. 85)	DR. GEORGE BUCHANAN and DR. MACLEOD.
Chemistry,	10 a.m.,	3 3 0†	MR. FERGUSON.
Chemical Laboratory,	10 a.m. to 4 p.m.,	10 10 0	
Junior Anatomy,	2 p.m.,	3 3 0*	DR. CLELAND and Demonstrators.
Senior Anatomy,	11 a.m.,	3 3 0*	
Practical Anatomy,	9 a.m. to 4 p.m.,	3 3 0	
Practice of Physic,	11 a.m.,	3 3 0*	DR. GAIRDNER.
Materia Medica,	12 noon,	3 3 0†	DR. CHARTERIS.
Botany (in Summer),		3 3 0*	MR. BOWER.
Institutes of Medicine,	12 noon,	3 3 0*	DR. M'KENDRICK and Muirhead Demonstrator.
Physiological Laboratory,	10 a.m. to 4 p.m.,	—	
Surgery,	1 p.m.,	3 3 0*	DR. MACLEOD.
Forensic Medicine (in Summer),		3 3 0*	DR. P. A. SIMPSON.
Midwifery,	2 p.m.,	3 3 0*	DR. LEISHMAN.
Diseases of Women (in Summer),		2 2 0	DR. LEISHMAN.
Pathology,	3 p.m.,	—	———
Lectures on the Eye (in Summer),		1 1 0	Dr. T. Reid.

NOTE.—The Medical Classes will close on Friday, March 30.

SUMMER SESSION, 1888.

During the SUMMER SESSION, which opens on TUESDAY, May 1, the following courses will be delivered:—

Classes.	*Hours.*	*Class Fees.*	*Professors.*
Botany (College),‡	8 a.m.,	£3 3*	MR. BOWER.
Botanical Laboratory,	9 a.m. to 4 p.m.,	2 2	
Botanical Demonstrations,	In Botanic Garden,	—	
Clinical Medicine,	9 a.m.,	(see p. 85)	DR. M'CALL ANDERSON and DR. GAIRDNER.
Clinical Surgery,	9 a.m.,	(see p. 85)	DR. GEORGE BUCHANAN and DR. MACLEOD.

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* Fee for a Second Session, £2 2s.; for a Third Session, £1 1s.

† Fee for a Second Session, £2 2s.

‡ By resolution of Senate, only those courses of Botany which are delivered during the Summer Session are recognized as qualifying for Gradnation at this University; and the Winter Course of Lectures on Botany is now discontinued.

Classes.	*Hours.*	*Class Fees.*		*Professors.*
Practical Chemistry,	9 to 11 a.m.,	£3	3*	Mr. Ferguson.
Chemical Laboratory,	10 a.m. to 4 p.m.,	5	5	
Organic Chemistry,			—	
Anatomical Lectures,	11 a.m.,	2	2	Dr. Cleland and Demonstrators.
Practical Anatomy,	8 a.m. to 2 p.m.,			
Forensic Medicine,	11 a.m.,	3	3†	Dr. Simpson.
Zoology, Lectures,	12 noon,	3	3†	Dr. Young.
Zoological Laboratory,	10 a.m. to 1 p.m.,	3	3*	
Practical Materia Medica,	12 noon or 1 p.m.,	3	3*	Dr. Charteris.
Practical Physiology,	12 noon,	3	3*	Dr. M'Kendrick and Muirhead Demonstrator.
Physiological Laboratory,	10 a.m. to 4 p.m.,		—	
Practice of Physic,	1 p.m. Tu. and Th.,	‡		Dr. Gairdner.
Operative Surgery,	1 p.m. Mon. Wed. Fri.,	2	2	Dr. Macleod.
Diseases of Women,	2 p.m. Mon. Wed. Fri.,	2	2	Dr. Leishman.
Lectures on the Eye,	2 p.m. Tu. and Th.,	1	1	Dr. T. Reid.
Constitutional Law and History,		3	3	Mr. A. Ure.
Insanity,	12 noon, Wed. (Col.), 10 a.m., Sat. (Gartnavel),—	2	2	Dr. Yellowlees.

Western Infirmary.—This Hospital contains 400 beds for medical and surgical patients, including Wards for Skin Diseases, and one for diseases peculiar to females. *Physicians*—Prof. W. T. Gairdner, M.D.; Prof. T. M'Call Anderson, M.D.; James Finlayson, M.D.; Gavin P. Tennent, M.D. *Assistant Physicians*—Joseph Coats, M.D.; James Christie, M.D.; D. C. M'Vail, M.B. *Diseases of Women*—Prof. W. Leishman, M.D. *Surgeons*—Prof. George H. B. Macleod, M.D.; Prof. George Buchanan, M.D.; A. Patterson, M.D.; Hector C. Cameron, M.D. *Ophthalmic Surgeon*—T. Reid, M.D. *Dispensary Physicians*—Samson Gemmell, M.D.; John Alexander, M.D.; William G. Dun, M.D. *Out-Door Physicians-Accoucheurs*—Robert Kirk, M.D.; W. L. Reid, M.D.; Murdoch Cameron, M.D. *Extra Dispensary Physicians*—R. Stevenson Thomson, M.B.; George Dickson, M.D. *Dispensary Surgeons*—J. C. Renton, M.D.; George T. Beatson, M.D.; David Newman, M.D. *Extra Dispensary Surgeons*—A. Ernest Maylard, M.B., B.S.; James Parker, M.D. *Dispensary Surgeon for Diseases of the Ear*—Thomas Barr, M.D. *Surgeon Dentist*—James R. Brownlie, L.D.S., R.C.S., Eng.

* Fee for a Second Course, £2 2s.

† Fee for a Second Session, £2 2s.; for a Third Session, £1 1s.

‡ Open to all Matriculated Students of the University who have completed their second winter of Medical study.

Pathologist—Joseph Coats, M.D. *Pathological Chemist*—C. O. Hawthorne, M.D. *Medical Superintendent*—Dr. A. W. Russell. *Lady Superintendent*—Miss E. Clyde. *Secretary*—Henry Johnston, 125 Buchanan Street. The hour of visit is 9 A.M. Operating days—Wednesday and Saturday. The Dispensary for Out-Patients is open daily at 2 P.M. Vaccination—Mondays, at 1 P.M. The station is recognized by the Local Government Board. Fee, £1 1s. According to the present arrangement admission to the practice of this Infirmary is subject to the following regulations:—

1. That every student paying at the commencement of his First Year a Fee of £10 10s., will be entitled to admission to the Infirmary, and also to attend Courses of Clinical Instruction during the winter and summer of the said year.

2. That every student who has thus paid £10 10s., and shall at the commencement of his Second Year pay a further Fee of £10 10s., will have the privilege of admission to the Infirmary, and to the several courses of Clinical Instruction during his lifetime.

3. That the Fee for Hospital Attendance and Clinical Instruction for Six Months only be £7 7s.

4. That the Fee for Hospital Attendance and Clinical Instruction for Three Months only be £4 4s.

5. Any student who shall have paid Fees to the amount of £21 or upwards, in the payments as stated above, shall be entitled to a Ticket admitting him to the Infirmary, and to the Clinical Instruction during his lifetime.

6. There shall be two Courses of Clinical Instruction—the first extending from the beginning of November to April, and the second from the beginning of May to July.

In connection with the Western Infirmary there is also an out-door obstetrical department. *Consulting Physician-Accoucheur* — Professor Leishman, M.D. *Physicians-Accoucheurs*—W. L. Reid, M.D.; R. Kirk, M.D.; and M. Cameron, M.D. By paying a Fee of £1 1s., and attending six cases, a student may obtain a certificate of attendance on Practical Midwifery qualifying him for graduation.

Students who have taken the Hospital Ticket previous to 1st

October, 1876, will continue at the scale of Fees then in use, but an additional payment of £10 10s. will make them perpetual students of the Hospital, and admit also to the Clinical Classes under the above rules.

Students who have completed their Clinical Course elsewhere shall be permitted to enter for a six months' course of the *Hospital only*, on payment of a Fee of £2 2s.

Royal Infirmary.—Hour of Visit, 9 a.m. Clinical Lectures given by the Physicians and Surgeons. Fees for Hospital attendance and Clinical Instruction—same as in the Western Infirmary.

Eye Infirmary, 170 Berkeley Street.—Hour of Visit, 1 p.m. daily. Fee for six months, £2 2s.; to those attending, or who have attended, the Lectures on the Eye delivered in the University, £1 1s.

There are also Dispensaries for Diseases of the Skin and Ear, and in the Royal Lunatic Asylum, Gartnavel, Clinical Instruction in Insanity is given.

FACULTIES IN THE UNIVERSITY.

The whole classes of the University are divided into four Faculties—Arts; Divinity; Law; Medicine.

I.—FACULTY OF ARTS.

The Faculty of Arts embraces the classes of Humanity, Greek, Logic and Rhetoric, Moral Philosophy, Natural Philosophy, Mathematics, and English Language and Literature, on all of which attendance is required for a Degree in Arts, and also the classes of Practical Astronomy, Civil Engineering and Mechanics, and Naval Architecture.

HUMANITY.

The original foundation of this Professorship is not extant; but it appears from the records of the College that it must have been instituted previous to the year 1637. The Professor is elected by the University Court.

Professors from the year 1706.

1706. Andrew Rosse.
1735. George Rosse.
1754. George Muirhead.
1773. Wm. Richardson, M.A.
1815. Josiah Walker, M.A.
1831. William Ramsay, M.A.
1863. GEORGE G. RAMSAY, M.A., LL.D.

The Humanity Class consists of three Public divisions—*Junior, Middle, and Senior*—and one Private Class, which all members of the Senior Class have the option of attending.

In the Public Classes the Students prepare certain tasks prescribed, and are examined orally every day. In the Private Class the business is conducted principally by Lectures and Prelections delivered by the Professor.

Junior Class.

The JUNIOR CLASS meets daily from 8 to 9 A.M. on every week day except Saturday. The subjects of study are: Ovid, Tibullus, Virgil, Cicero, Livy—Latin Grammar—Elementary Latin Prose Composition.

Middle Class.

The MIDDLE CLASS meets daily from 8 to 9 A.M., and from 11 A.M. to 12. The subjects read are: Ovid, Tibullus and Propertius, Virgil, Horace, Cicero, Livy, together with Latin Prose Composition—Grammar—Prosody—History and Antiquities.

Students entering the Latin Class are expected to have a good knowledge of Latin Grammar, and to be able to translate at sight simple passages from Latin into English, and sentences from English into Latin.

All students entering the Latin Class for the first time (with the exception of those who pass the Preliminary Examination for entrance into the Senior Class—see Index, *Preliminary Examination in Arts*)—are examined in the above subjects at the commencement of the Session, and they are placed in the Middle or Junior Class, respectively, in accordance with the result of that Examination. A specimen of the paper will be found at the end of the Calendar.

No student below the age of 17 can obtain a Public Certificate qualifying for the Degree of M.A. unless he has passed the University Entrance Examination (see Index). Students below the age of 17, who fail to pass that Examination, are allowed to join the Junior Class for purposes of instruction, and to obtain Private Certificates, but cannot gain certificates of attendance qualifying for the Degree. Students above the age of 17 who attend the *Junior Class* will receive Public Certificates qualifying for the Degree.

Senior Class.

The SENIOR CLASS meets daily from 9 to 10 A.M., and all students attending the Senior Class have the option also of attending the Private Class from 1 to 2 P.M. The subjects of study in the class at 9 A.M. are: The works of Horace—Propertius—Virgil—Cicero—Sallust—Livy—Tacitus—Latin Prose Composition—Latin Prosody—Roman History and Antiquities. The students are examined on paper at intervals during the session. Students may enrol in the Senior Class for Latin Prose only, in which case the Fee is £1 1s.

At the commencement of the session, there is a written examination for all who propose to join the Senior Class, to test their fitness for the Class. The paper for 1887 will include (*a*) Sentences or passages for translation into Latin. Students are expected to have an accurate knowledge of Syntax, as explained in Ramsay's Exercises, Part I. and II. (*b*) Unseen Translation. Students are advised to read Horace, *Odes*, Book I., and Livy, Book XXI., 23-39. Students who have attended the Junior or Middle Class in their first session will be debarred from passing to the Senior Class in the following session unless they satisfy the Professor, in the examination prescribed above, that they are fit to enter the class.

Private and 1 *p.m. Senior Class.*

The PRIVATE CLASS meets daily at 1 P.M. One subject is lectured upon on Mondays and Fridays; a different subject is lectured upon on Tuesdays and Thursdays. Classes in Latin Prose are held on Wednesdays. Students may, if they please, attend any of these courses separately. Students unable to attend at 9 A.M. may attend the class at 1 P.M. only (which ranks as a Public Class), and receive tickets of attendance qualifying for the degree of M.A., provided that they acquit themselves sufficiently well in the examinations, and perform all the written exercises prescribed in the class. Such students are also subject to oral examination throughout the session. The students are examined on paper at intervals during the session, both in the subjects read in the class and on voluntary subjects specially prescribed. A course of five sessions embraces Lectures and Prelections on Plautus—Lucretius—Catullus—Propertius—Virgil—Persius—Juvenal—Martial—Tacitus.

In all the classes, written exercises in Latin Prose are prescribed regularly, and in the Private Class exercises in Latin or English Verse may be prescribed also.

The fee for a Public Class is - - -	£3	3	0
The fee for attending the Private Class (*which does not qualify for the Degree*), - -	1	11	6
For students who return for a Third Session,	1	1	0
For Latin Prose only, - - - - -	1	1	0

N.B.—*Attendance on the Middle Class of Humanity does not count in place of attendance on the Senior Class for the purpose of Graduation in Arts except by special leave granted by the Senate on the recommendation of the Professor.*

GREEK.

This Professorship was founded by the College in or about the year 1581. The Professor is elected by the University Court.

Professors from the year 1704.

1704. A. Dunlop, LL.D.
1746. James Moor, LL.D. | 1821. Sir Daniel K. Sandford, M.A.
1774. John Young, M.A. | 1838. Edmund L. Lushington, LL.D.
1875. RICHARD C. JEBB, LL.D.

The Greek Class consists of three divisions, the Senior, the Middle, and the Junior. Students not requiring a public Certificate may attend as Private Students at the second daily hour of the Senior Class.

SENIOR GREEK CLASS.

The Senior Greek Class meets at 8 A.M. and 2 P.M. on every week day except Saturday.

At 8 A.M. the Class reads Homer, Herodotus, Thucydides, the Orators, or such other authors as may be appointed for the session. The Class is daily examined orally in a prescribed portion of the book which is being read.

Examinations on paper are held in all the subjects studied during the session.

At 2 P.M. the Professor gives prelections.

The Class is examined on paper in the subjects of the prelections thus delivered during the session.

Written exercises in Composition form a part of the class-work at 2 P.M.

Students who, for a reason deemed valid by the Professor, desire to be exempted from attendance at 8 A.M., can obtain a Certificate qualifying them for the degree of M.A. by attendance at 2 P.M. only, on condition of their being liable to occasional oral examination, and passing the written examinations.

MIDDLE GREEK CLASS ('PROVECTIORES').

The Middle Greek Class meets at 10 A.M. on every week day except Saturday.

The authors usually read are Xenophon, Herodotus, and Homer. Written exercises in Greek Composition form part of the work.

The Class is examined on paper in the work done during the session.

JUNIOR GREEK CLASS ('TIRONES').

The Junior Greek Class meets at 12 noon, every week day except Saturday.

The Grammar used by the Class is that of Dr. George Curtius, in the larger edition of the English Translation.

It is desirable that Students intending to join the Junior Greek Class should study beforehand at least Chapters i. *to* xi. *of this Grammar.*

The Class reads extracts from Xenophon and other authors. There are also written exercises in Greek Composition. Examinations on paper are held in Greek Grammar, in the extracts read, and in the elements of Comparative Philology.

An examination on Greek Grammar is held early in February. Before the close of the session the Class is examined on paper in the whole of the class-work.

Fee for any Public Class, - - - - -	£3	3	0
For attending as a Private Student at 2 P.M.,	1	11	6
For a Third Session in any Class, - -	1	1	0

SUBJECTS FOR SESSION 1887-88.—SENIOR GREEK CLASS.—At 8 A.M.; Attic Orators, Selections, beginning at page 56 (edition with Notes, by Prof. Jebb: Macmillan); Herodotus, book ix., to chapter 65;* Homer, *Odyssey*, book xii.* At 2 P.M.; 1. Thucydides, book vii.; 2. Sophocles, *Philoctetes;** 3. Exercises, with printed papers, on Greek Composition; 4. Modern Greek (Vincent and Dickson's Handbook recommended: Macmillan).

MIDDLE GREEK CLASS.—Xenophon, *Anabasis*, book iv. The text used in the class is that published by Messrs. MacLehose, with a Modern Greek version. Herodotus, book i. (edition with Notes by Mr. Woods, in the *Catena Classicorum* series, published by Messrs. Rivington). Homer, *Iliad*, book ix.

JUNIOR GREEK CLASS.—Curtius's Greek Grammar (larger edition, Murray). Sandford's Greek Extracts (Blackwood).

N.B.—*Two Sessions of the Junior Greek Class do not constitute two Sessions of Greek for the purpose of graduation in Arts.*

LOGIC AND RHETORIC.

This Professorship is one of those founded by the charter of *Nova Erectio*, in 1577. The Professor is elected by the University Court.

Professors from the year 1727.

1727. John Loudon.

1751. Adam Smith, LL.D.	1787.† George Jardine, M.A.
1752. James Clow.	1827.‡ Robert Buchanan, LL.D.

1864. JOHN VEITCH, LL.D.

This Class meets daily, on five days of the week, from 9 to 10 A.M. for Lecture, and on Mondays, Wednesdays, and Fridays, from 11 to 12 noon, for Oral Examination and the Reading of Exercises and Essays.

The Course of Lectures is so arranged as to embrace the following subjects in each session:—

I. PSYCHOLOGY AND METAPHYSICS—under which is given an account of the Faculties and Capacities of the Mind, and of the General Nature, Limits and Objects of Human Knowledge.

II. LOGIC.—(A) Pure or Formal Logic, embracing the Doctrine of Notions (Terms), Propositions, Reasonings, Fallacies.

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* Subjects for the ordinary degree of M.A., November, 1888, and April, 1889.

† Mr. Jardine was assistant and successor to Mr. Clow from 2nd June, 1774.

‡ Mr. Buchanan was assistant and successor to Mr. Jardine from 1st October, 1824.

(B) Applied or Material Logic, embracing the Theory and Processes of Science (Observation, Induction, Deduction), and the General Laws of Evidence. Instruction in Logic is conveyed partly by means of a text-book, viz., *Institutes of Logic.*

III. Rhetoric.—A portion of the course is devoted to the Principles of Rhetorical and Oratorical Excellence.

Exercises and Essays on subjects connected with the course are prescribed to the students; and General Written Examinations take place at regular intervals during the currency of the session.

The Class is annually arranged into two divisions, Senior and Junior, according to the age of the students; and prizes, adjudged by the votes of their class-fellows, are assigned, in each of the divisions, to those who have most distinguished themselves by diligence, proficiency, and ability in the exercises and examinations of the session.

The Fee for the Ordinary Course is £3 3s.

An advanced Class for the Higher Metaphysics—embracing the subjects prescribed for honours in Mental Philosophy, meets twice a week, on Tuesdays and Thursdays, from 1 to 2 p.m.

Fee for the Advanced Course, - - - £1 11 6

N.B.—*To qualify for the Arts Degree, the Logic Class and the Moral Philosophy Class must be attended in separate sessions, the Logic Class being taken first.*

MORAL PHILOSOPHY.

This Professorship was founded by the charter of *Nova Erectio*, in 1577. The Professor is elected by the University Court.

Professors from the year 1727.

1727. Gerschom Carmichael.
1730. F. Hutcheson, LL.D.
1746. Thomas Craigie.
1752. Adam Smith, LL.D.
1764. Thomas Reid, D.D.
1796.*Archd. Arthur, M.A.
1797. James Mylne, M.A.
1839. William Fleming, D.D.
1866. Edward Caird, LL.D.

The Moral Philosophy Class meets at 8 a.m. on five days of the week for Lecture, and at 11 a.m. on Mondays and 8 a.m.

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* Mr. Arthur was assistant and successor to Dr. Reid from 22nd May, 1780.

on Saturdays for examination. Public students must attend at the hours of Lecture, and either on Saturday at 8 A.M. or on Monday at 11 A.M. for examination. In the Lectures, Moral Philosophy is treated both historically and systematically.

One of the most important works on Moral Philosophy will be selected in each year as the text-book (the work selected to be announced at the beginning of the Session); and in connection with it Lectures will be given on Metaphysics and Psychology as the basis of morals, on the principles of Jurisprudence and Social Ethics, and on the relations of Ethics to Theology. An account will also be given of the historical development of Morals, and of the main ancient and modern theories on ethical and social subjects.

The Class of Political Economy has usually been held every second year, alternating with the Higher Moral Philosophy Class; but during next session both classes will be taught. In the Higher Moral Philosophy Class Mr. Caird will lecture upon one or other of the subjects for the Degree with Honours, at an hour to be fixed according to the convenience of students. In the Political Economy Class Mr. William Smart will lecture upon the laws of production and distribution of wealth, with special reference to the freedom of trade, the land system, Socialism, etc., on Tuesdays and Fridays at 5.30 P.M.

Fee for the Moral Philosophy Class, - -	£3	3	0
Political Economy Class, - - - -	1	11	6

N.B.—*To qualify for the Arts Degree, the Logic Class and the Moral Philosophy Class must be attended in separate sessions, the Logic Class being taken first.*

NATURAL PHILOSOPHY.

This Professorship was founded by the charter of *Nova Erectio*, in 1577; and the Professor was confined to the department of Natural Philosophy in 1727. The Professor is elected by the University Court.

Professors from the year 1727.

1727. Robert Dick.
1751. Robert Dick, M.D.
1757. John Anderson, M.A.
1796. James Brown, LL.D.
1803. W. Meikleham, LL.D.
1846. Sir William Thomson, LL.D., D.C.L., F.R.S.

The Natural Philosophy Class meets daily at 9 A.M., and at 11 A.M. or 12 noon.

The first hour is chiefly spent in statements of Principles, description of Results of Observation, and experimental Illustrations. The second hour is devoted to Mathematical Demonstrations and Exercises, and Examinations on the Elementary parts of the course, on Tuesdays and Thursdays, at 11 A.M.; and to a higher Mathematical Course on Mondays, Wednesdays, and Fridays, at 12 o'clock.

The text-books used are—

"A Treatise on Natural Philosophy," by Professors Sir William Thomson and P. G. Tait (Cambridge University Press); "Elements of Natural Philosophy," by the same authors (Cambridge University Press); "Dynamics and Hydrostatics," by J. T. Bottomley (W. Collins & Sons); "Heat" and "Elasticity," by Sir. W. Thomson, reprinted from the Encyclopædia Britannica (A. & C. Black); Ganot, "Experimental Physics," translated by Atkinson (Longmans & Co.); "Physical Optics," by R. T. Glazebrook (Longmans & Co.); "Electrical Measurements," by A. Gray (Macmillan & Co.); "Mathematical Tables," by J. T. Bottomley (W. Collins & Sons).

The more elementary of the treatises by Thomson and Tait, along with Dynamics and Hydrostatics by Bottomley, will be used for the work required of all students of Natural Philosophy in the regular curriculum. The whole, or certain specified parts of the larger treatise, will be prescribed in connection with voluntary examinations and exercises in the class, and for candidates for the degree of M.A. with honours. Students who desire to undertake these higher parts of the business of the class ought to be well prepared on all the subjects of the Senior Mathematical Class.

The Laboratory in connection with the class is open daily from 10 A.M. to 4 P.M. for Experimental Exercises and Investigations, under the direction of the Professor and his official Assistant, and the Demonstrator in Experimental Physics.

The main divisions of the course are—

(1.) Abstract Dynamics (including Elements of Physical Astronomy); (2.) Properties of Matter; (3.) Thermodynamics; (4.) Illustration.

Illustration is conducted partly through examples and calculations: partly by experiment.

A programme of the subjects that will be taken up, as far as time permits, during the Session 1887-8, will be published before the commencement of the session, and may be had on application at the Natural Philosophy Class-room.

Fee for the Natural Philosophy Class, - -	£4	4	0
,, Students of the Second Year, -	3	3	0
,, Physical Laboratory, - - -	5	5	0

N.B.—*For a Degree in Arts attendance on the qualifying course of Natural Philosophy must be subsequent to the completion of the qualifying course of Mathematics.*

THE ARNOTT AND THOMSON DEMONSTRATORSHIP IN EXPERIMENTAL PHYSICS.

This Demonstratorship was founded in 1875 by the liberality of Sir William Thomson and Mrs. Arnott, widow of Dr. Neil Arnott, founder of the Arnott Prizes, who invested respectively £2,000 and £1,000 for the purpose of encouraging the study of Experimental Physics in the University of Glasgow. The Demonstratorship is in connection with the Physical Laboratory of the University. The holder is appointed annually by the Professor of Natural Philosophy, subject to the approval of the University Court, and his duties are to perform, and direct in the performance of, experimental researches in the Physical Laboratory, in connection with, and under the direction of, the Professor of Natural Philosophy, to give practical laboratory courses suitable for Medical and Engineering students, and to take part in the teaching of the Natural Philosophy Class, if required by the Professor, and in such way and at such times as may be appointed by the Senatus Academicus of the University.

Demonstrator.

1875. JAMES THOMSON BOTTOMLEY, M.A.

MATHEMATICS.

This Professorship, long suppressed for want of funds, was revived by an Act of Faculty in 1691. The Professor is appointed by the University Court.

Professors from the year 1691.

1691. George Sinclair.
1699. Robert Sinclair, M.D.
1711. Robert Simson, M.D.
1761. James Williamson, D.D.
1796.*James Millar, M.A.
1832. James Thomson, LL.D.
1849. Hugh Blackburn, LL.D.
1879. William Jack, LL.D.

Lower Junior Class,

(Or First Year's Course.) Subjects: *Euclid* and *Algebra*, both from the beginning. Two parallel subdivisions of the Class meet daily (except on Saturdays), one from 9 to 10, and one from 10 to 11.

Upper Junior Class,

(Or Second Year's Course), for Students who have attended the first year's course, or who have otherwise acquired a knowledge of Euclid, Books I., II., III., IV., and of Algebra, as represented by the first twenty-two Chapters (Chaps. XIV., XV., XIX. excepted) of Todhunter's larger text-book. Subjects: *Euclid*, Books V., VI., and XI., more advanced *Algebra* and the elements of transversals and anharmonics, *Elements of Trigonometry.* Two parallel subdivisions of the Class meet daily (except on Saturdays), one from 9 to 10, and one from 12 to 1—the latter may be subdivided into two sections according to acquirements.

Senior Class,

(Or Third Year's Course.) Subjects: *Plane Trigonometry, Geometrical and Analytical Conics, Differential and Elements of Integral Calculus.* The Senior Class meets from 10 to 11 daily, except on Saturdays.

Upper Senior Class.

Subjects: *Integral Calculus, Spherical Trigonometry, Geometry of Three Dimensions, Differential Equations, Finite Differences.* The Class meets at 11-12 on Mondays, Wednesdays, and Fridays.

Attendance on the Mathematical Classes, for not less than two Winter Sessions, one of which must be on either the Upper Junior or the Senior Class, is required for the degree of M.A., "unless the candidate at the time of his entrance to the University shall satisfy the Professors in the Faculty of Arts, on examination, that he is qualified to attend the Senior Class," in which case attendance on the Senior Class for one session is sufficient.

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* Mr. Millar was assistant and successor to Dr. Williamson from 26th Feb., 1789.

The Fee for each session is - - - - -	£3	3	0
The Fee for the Upper Senior Class is - -	2	2	0

No Fee is charged for the Upper Senior to students who have completed their qualifying course of attendance for M.A., and who have attended the Senior Class. All the Mathematical Classes are free to students who have attended three complete sessions.

For the "Lorimer" and the "Muir" Bursaries in Mathematics, see under Bursaries; and for the Cunninghame Gold Medal, see under Prizes.

N.B.—*Attendance on the qualifying course of Natural Philosophy for the Degree of M.A. must be subsequent to the completion of the qualifying course of Mathematics. Two sessions of the Lower Junior Class of Mathematics do not constitute two sessions of Mathematics for the purpose of graduation in Arts.*

PRACTICAL ASTRONOMY.

The Professorship of Practical Astronomy was founded in the year 1760, conjointly with the office of Observer in the University of Glasgow, and is in the gift of the Crown.

Professors.

1760. Alexander Wilson, LL.D.
1784.*Patrick Wilson, LL.D.
1799. W. Meikleham, LL.D.
1803. James Cooper, D.D.
1836. John P. Nichol, LL.D.
1859. Robert Grant, LL.D., F.R.S.

An Observatory has always existed in connection with this Chair. The present Observatory is situated on an eminence in the immediate vicinity of the University buildings. The principal instruments are:—A Meridian Circle of three feet six inches diameter, by Ertel of Munich; and an equatorially-mounted Refractor, of nine inches aperture, and thirteen feet focal length, by Cooke of York. The acquisition of the latter instrument is mainly due to the liberality of a few private gentlemen chiefly residing in Glasgow.

Dr. Wilson, the second occupant of the Chair, bequeathed to the University the sum of one thousand pounds, upon the condition that the interest thereof should be applied to the purchase of instruments and books for the use of the Professor of Astronomy and the students attending his prelections.

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* Dr. P. Wilson was assistant to his father from 5th June, 1782.

The Professor of Practical Astronomy is chiefly occupied in directing the operations of the Observatory; but he also delivers a short Course of Lectures on Astronomy at the College during the session, and gives expositions on instruments and methods of observation at the Observatory. The Fee for the course is £1 1s.

CIVIL ENGINEERING AND MECHANICS.

The Professorship of Civil Engineering and Mechanics was instituted by Queen Victoria in 1840, and is in the gift of the Crown. The emoluments of the Chair were increased in 1872, by a supplemental endowment* by Mrs. Elder, widow of Mr. John Elder, engineer and shipbuilder, Glasgow; and more recently, in 1876, an Assistantship was founded by bequest ot Mrs. Black, widow of the Rev. Dr. Black, Barony Church, Glasgow.†

Professors.

1840. Lewis D. B. Gordon, C.E.
1855. William J. Macquorn Rankine, C.E., LL.D.
1873. JAMES THOMSON, C.E., LL.D., D.Sc., F.R.S.

The Courses of the Professor of Engineering comprise a junior and a senior course of Lectures and Examinations designated as "Civil Engineering and Mechanics"; and a junior and a senior practice course of instruction designated as "Office and Field Work in Engineering."

Each of these courses commences at the beginning of the winter session, and lasts during the whole of that session—that is, from the beginning of November till the end of April.

The Junior Class of Civil Engineering and Mechanics meets on Mondays, Wednesdays, and Fridays, from 11 till 12 noon. It is intended ordinarily to be taken by students in the second year of their Engineering curriculum. The Lectures include generally most of the following subjects:—Principles and Practical Methods of Surveying and Levelling, and the Principles and use of Theodolites and Levelling Instruments; Mensuration, especially in reference to Railway Earthworks; Tunnelling; Specifications for Engineering Contracts; a brief introduction to Building Construction and to Architecture as a Fine Art.

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* The annual income of a sum of £5,000.

† The salary for the Young Assistantship thus founded is £140, or thereby.

The Senior Class of Civil Engineering and Mechanics meets at 4 P.M. daily, Saturdays excepted. It is intended ordinarily to be taken by students in the third year of their Engineering curriculum. The subjects of study from which the courses of detailed teaching are proposed chiefly to be selected, with some variations in different sessions, may be stated briefly as follows:—Revision or further prosecution of some of the subjects proposed for the junior course; Elasticity and Strength of Materials; and Strength, Stability, and Stiffness of Structures; Bracing of Framed Structures; Energy, Mechanical Work, Horse Power; Frictions and allied subjects in applied Mechanics; Principles of Hydraulics; Gauging of Rivers and Streams; Flow of Rivers; Elementary Principles of Thermodynamics; Steam Engines, common Water Wheels, and Turbines; Centrifugal Pumps for raising water, and Fans; Principles and Mensuration for Shipbuilding; Roofs; Carpentry; Bridges and Viaducts; Works of Drainage and Water Supply; Ventilation and other Sanitary arrangements in Buildings; Ventilation, Drainage, and Management of Water in Mines.

The Junior Class of Office and Field Work meets on Mondays and Wednesdays, from 1 till 3 P.M. It is intended ordinarily to be taken by students in the first year of their Engineering curriculum. The Senior Class meets on Tuesdays and Thursdays, from 1 till 3 P.M., and is intended ordinarily to be taken in the second year of the curriculum. The students of both classes are expected to prosecute studies and perform practical work in the business of the classes, at times extra to those appointed for the regular meetings; and they are occasionally required to attend on Saturdays or other days, for some hours, for indoor or outdoor engagements. The course for these classes comprises generally the following subjects and proceedings, or most of them; the more easy and elementary portions being prosecuted in the junior class, and the more advanced in the senior class:—Lectures and Practical Lessons in Descriptive Geometry, Orthographic and Isometric Projection, and Perspective; Practice in Engineering and Architectural Drawing, and in Surveying, Levelling, Plotting, and Mensuration; Engineering Excursions.

Fee for each of the Engineering Classes, - £3 3 0

Certificates of Attendance and of Merit in separate Classes.

Students who do not find it convenient to undertake or to carry out all the courses of attendance and all the examinations required for the Certificate of Proficiency, or for the degree of B.Sc. in Engineering, may in many cases well rest satisfied by their attending such classes as they may deem most suitable to their own objects. They have it open to them to obtain due testimony to their attainments and merits by the ordinary Class Certificates, and marks of special distinction. The primary object of entering on the whole, or on any part, of the Engineering courses ought to be to gain knowledge and skill—the gaining of particular forms of University certificates or testimonies to merit, though valuable when obtained, ought not to be the primary object.

Recommendation.—It is strongly recommended that students of Engineering should, if possible, get themselves engaged, for two or three summers within the period of their attendanee in the University, in engineering or architectural service, in offices, or in workshops, or in works such as railways, water works, or harbour works in progress.

As to the Degree of B.Sc., in the Department of Engineering, see Index.

As to the Certificate of Proficiency in Engineering Science, see Index.

As to the Muir Bursaries, the Walker Prizes, and the George Harvey Prize, in the Class of Civil Engineering and Mechanics, see Index.

ENGLISH LANGUAGE AND LITERATURE.

This Chair was founded by ordinance of the Universities Commissioners of date 25th November, 1861, and is in the gift of the Crown.

Professor.

1862. John Nichol, LL.D.

The Classes meet from the beginning of the session on five days of the week till the end of February. During the ensuing session it will consist of two divisions, Junior and Senior, attendance on either of which will qualify students to proceed to their degrees.

JUNIOR CLASS.

This class will meet daily from 2 to 3 P.M. The course, adapted to less advanced or experienced students, will consist of a series of Lectures on English Composition, a review of a period of English Literature, and a detailed study of the text of some characteristic work of a well-known author.

SENIOR CLASS.

The Senior Class will meet, as formerly, from 4.30 to 5.30 P.M.

The Course will comprise—

1. A series of Philological Lectures, tracing the origin and growth of the English Language from the Anglo-Saxon down to the present day, and illustrating its affinities with other tongues.

2. An exposition of the general principles of Taste, as applied to Style.

3. A historical review of a period of English Literature (including our early Literature), with more minute criticism of some works of the more difficult authors.

Public students in both classes will be examined *viva voce*, and required to pass a written examination (without books) before the close of the session.

Written exercises and essays, which will be criticised by the Professor, are also required to be given in by all the public students of either class.

Text-Books—Junior ; Arnold's or Spalding's *English Literature ; Composition Primer*, in Macmillan's series ; *Tables of History and Literature*, by Professor Nichol (edition 1883). Senior : Arnold's or Shaw's *English Literature ;* Marsh's *English Language ; Tables of History and Literature*, by Professor Nichol (edition 1883) ; Campbell's *Rhetoric*, and Seeley & Abbot's *English Lessons for English People* are also recommended.

Class Fees—For either Class, £3 3s. For second year's attendance, or senior students who have been in the Junior Class, £2 2s.

NAVAL ARCHITECTURE, INCLUDING MARINE ENGINEERING.

The John Elder Chair of Naval Architecture was founded by the University in 1883. An endowment of £12,500 was provided by Mrs. Elder, widow of Mr. John Elder, engineer and shipbuilder, Glasgow. The Professor is appointed by the University Court.

Professors.

1883. Francis Elgar, LL.D.
1886. Philip Jenkins.

The Courses of the Professor of Naval Architecture comprise a Junior and a Senior Course of Lectures and Examinations upon Naval Architecture; and also a Junior and a Senior Course of Instruction in Ship Drawing and Calculations. The Junior Course of Lectures and Examinations is expected to be taken in the second year of the regular curriculum, and the classes will meet on Wednesdays and Fridays at 11 A.M. The classes of the Senior Course will be held on Tuesdays and Thursdays from 11 A.M. to 12 A.M., or at any other hour that may be found convenient.

The Junior Course of Instruction in Ship Drawing and Calculations is expected to be taken by students in the first year of the regular curriculum; and the classes will be held on Wednesdays and Fridays from 1 P.M. to 3 P.M. The classes of the Senior Course will be held on Tuesdays and Thursdays from 1 P.M. to 3 P.M., or at any other hour that may be found convenient.

Class Fee—For any Class, £3 3s.

A special Course of Evening Lectures will be given during the winter session of 1887-88, for which a student of any of the day classes may be enrolled without payment of any extra fee.

II.—FACULTY OF THEOLOGY.

The Faculty of Theology embraces the four classes of Divinity, Oriental Languages, Ecclesiastical History, and Divinity and Biblical Criticism.

The following regulations are applicable to students preparing for the ministry of the Church of Scotland. Under the Act of General Assembly, 1883, consolidating the Acts presently in force in regard to the study of Divinity, all candidates for the ministry are required to attend at the Divinity Hall either three full and regular sessions, or two full and regular sessions and three partial sessions; and to give at least two full sessions of regular attendance on the Classes of Church History, Hebrew, and Biblical Criticism.

Each student, in order to be enrolled *for the first year* of his attendance, must present to the Professor of Divinity, *first*, a certificate from the Presbytery within the bounds of which he usually resides, and by which he has been examined on his knowledge of the Holy Scriptures according to the authorized version, and of the Catechetical standards of the Church; and, *secondly*, a certificate signed by the Convener or Vice-Convener of one of the four Examining Committees appointed, under the Act of Assembly, 1872, to conduct the examination of students previous to their entering the Divinity Hall.* In order to be admitted to this examination he must produce, in addition to the certificate from the Presbytery recommending him, the diploma of a Master of Arts, or certificates from the several Professors under whom he has studied, that he has attended regularly all the classes prescribed by the Church for students who intend entering the Hall—viz., Latin, Greek, Logic, Mathematics, Moral Philosophy, Natural Philosophy, and English Literature, in such order as is prescribed at the University in which he has studied, and to the extent required for proceeding to the degree of Master of Arts. If he produces evidence that he holds the degree of Master of Arts, or that he has passed all the examinations required for taking that degree, it is competent for the Examining Committee to exempt him from examination in those branches of Literature and Science proficiency in which is denoted by such a degree. The examination extends also to the *New Testament in Greek* and the *Elements of Hebrew Grammar*.

The student, in order to his enrolment *for each subsequent session* of his course, is required to present to the Professor of Divinity a certificate from the Presbytery within whose bounds he chiefly resides, of his having been examined by them on the progress made by him in his studies, and of their satisfaction with the same, as well as a certificate of his good moral character from the minister of his parish, or, during a vacancy in the parish, from the moderator of the kirk-session.

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* The Examining Committees meet at the respective University seats shortly before the commencement of each session, the times and places of meeting being duly announced in the "Missionary Record" of the Church of Scotland for July annually, along with the names of the Conveners and Vice-Conveners of the respective Committees. The programme of the books and subjects of examination for Session 1887-8 will be found in the "Missionary Record" for April, 1887.

At the close of each session every student is required to take with him to the Presbytery certificates from the several Professors, under whom he has studied, of his good conduct and proficiency.

Students are required to study the art of public reading and speaking under some competent teacher approved by the Faculty of Theology,* during at least one hour a week in each of two sessions, the attendance extending in every case over at least sixteen weeks of the session, and to produce, before being taken on trials, due evidence of such attendance.

Each student is required during his curriculum to deliver *six* discourses—viz., an Exegesis in Latin on some controverted head in Divinity, a Homily in English, a Critical Exercise on some portion of the original text of the Old Testament, an Exercise and Addition on some portion of the original text of the New Testament, a Lecture on some portion of Scripture, and a Popular Sermon, with such other exercises as the Professors may think fit to prescribe. No student can be taken on trials for license by any Presbytery until he has produced, along with Class Certificates from the Professors of Church History, Hebrew, and Biblical Criticism, a certificate from the Professor of Divinity that the discourses so prescribed have been sustained.

The Faculty of Theology have adopted the following regulations as to the delivery of these discourses:—(1) That the Homily shall be given in to the Professor of Church History at such time as he shall appoint in the *first* session of the student's course; (2) that the Latin Exegesis shall be given in to the Professor of Divinity, and the Lecture to the Professor of Biblical Criticism, in the *second* year of the student's course, at such times as shall be appointed by these Professors respectively; and (3) that the Popular Sermon shall be given in to the Professor of Divinity, the Hebrew Critical Exercise to the Professor of Oriental Languages, and the Exercise and Addition to the Professor of Biblical Criticism, in the *third* session of the course, at such times as shall be appointed by the several Professors. The subjects of the Discourses will be prescribed by the Professors to whom they are severally to be given in.

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* For the purposes of the Act of Assembly and to qualify for the competition for the Dowanhill Prizes, the following teachers are recognized:—Mr. G. W. Baynham, 43 Athole Gardens, Dowanhill; Mr. Henry Cooke, 319 Sauchiehall Street; Mr. Thomas Harrower, 197 Pitt Street; Mr. William S. Vallance, 291 Sauchiehall Street; Mr. A. P. Roxburgh, 43 Mill Street, Paisley; Mr. Whaley B. Nutt, Grange House, Edinburgh; Mr. Alexander M. Wright, 310 Renfrew Street; Mr. R. M. Hardie, 120 Shamrock Street; Mr. F. W. Grant, 298 St. Vincent Street; Mr. W. B. Mathewson, 13 Newton Terrace; and Mrs. Cunningham Craig, 2 Kersland Terrace, Hillhead.

DIVINITY.

This Professorship was founded in 1640, and the foundation ratified in Parliament. The Professor is appointed by the University Court.

Professors.

1640-50. David Dickson.
1642-61. Robert Baillie.
1653. John Young.
1669. Gilbert Burnet, D.D.
1674. David Liddell.
1682. Alexander Ross, D.D.
1688. James Wemyss, D.D.
1692. James Wodrow.
1708. James Simson.
1740. Michael Potter.
1744. William Leechman, D.D.
1761. Robert Trail, D.D.
1775. James Baillie, D.D.
1778. William Wight, D.D.
1782. Robert Findlay, D.D.
1814. Stevenson Macgill, D.D.
1839. Alexander Hill, D.D.
1862. John Caird, D.D.
1873. WILLIAM PURDIE DICKSON, D.D., LL.D.

The Course of Theology extends over three sessions. The Lectures during next session will treat partly of Biblical Theology, partly of the History of Doctrine, and of Apologetics. A portion of time will be devoted to instruction in Systematic Theology on the basis of a text-book. Essays and discourses are prescribed to the students. In addition to the oral examinations on the Lectures, examinations in writing on the studies of the class will be held at intervals during the session.

The class will meet on five days of the week, in two divisions, the Senior at 11 A.M. and the Junior at 12 o'clock. Fee for each session, Three Guineas.

ORIENTAL LANGUAGES.

This Professorship was founded by Queen Anne, 1709. The Professor is appointed by the University Court.

Professors.

1709. Charles Morthland.
1745. Alexander Dunlop, M.A.
1751. William Rouet.
1753. George Muirhead.
1755. John Anderson, M.A.
1757. James Buchanan, M.A.
1761. Robert Trail, D.D.
1761. Patrick Cumin, LL.D.
1814. Gavin Gibb, D.D.
1831. William Fleming, D.D.
1839. George Grey, D.D.
1850. Duncan H. Weir, D.D.
1877. JAMES ROBERTSON, D.D.

ARRANGEMENT OF CLASSES FOR SESSION 1887-88.

I.—*Junior Class* (*Hebrew*), five days in the week at 10 A.M. (1) Hebrew Grammar, from the elements; (2) Readings from the easier Scriptures; (3) Lecture once a week on the history of Israel; (4) Daily oral examinations, weekly written exercises, and four written examinations during the session. Students preparing for the ministry are recommended to take this class before entering the Divinity Hall.

II.—*Senior Class* (*Hebrew*), five days in the week at 9 A.M., and Tuesday and Thursday at 1 P.M. (1) Revisal of grammar, study of the syntax and the accents; (2) Reading from the Hebrew Scriptures; (3) Daily oral examination, weekly written exercises, expository essays, and four written examinations during the session; (4) Expository lecture once a week by the Professor.

The one o'clock hour on Tuesday and Thursday will be given, in the first part of the session, to revisal of grammar. Students found sufficiently prepared will be exempted from attendance at this hour; and with this view a written examination will be held at the commencement of the session on Davidson's Grammar.

III.—*Private Class* (*Aramaic*), Monday, Wednesday, and Friday at 1 P.M.

Class Fee, £3 3s. Students who have taken two complete sessions may enrol for a third or a fourth free. The Fee for the Private Class is £1 1s.

ECCLESIASTICAL HISTORY.

The Professorship of Ecclesiastical History was founded by George I., in the year 1716, but no appointment was made to the Chair till the year 1720. The Professor is appointed by the Crown.

By his Commission, the Professor of Ecclesiastical History is also TEACHER OF CIVIL HISTORY in the University.

Professors.

1721. William Anderson.
1752. William Rouet.
1762. William Wight, D.D.
1778. Hugh M'Leod, D.D.
1807.*William M'Turk, D.D.
1841. Jas. Seaton Reid, D.D.
1851. Thos. T. Jackson, D.D.
1874. William Lee, D.D.
1886. ROBERT HERBERT STORY, D.D.

The course extends over two sessions, and embraces a series of lectures as well as oral and written examinations. The junior and senior classes meet at separate hours, the junior from 11 to 12 o'clock, the senior from 12 to 1 o'clock.

Both classes are open to non-professional students. The fee for each session is Three Guineas.

DIVINITY AND BIBLICAL CRITICISM.

This Professorship was founded by ordinance of the Universities Commissioners, of date 25th November, 1861. The Professor is appointed by the Crown.

Professors.

1863. William P. Dickson, D.D.
1873. WILLIAM STEWART, D.D.

This class will meet on five days of the week, at 10 A.M.

The course of lectures is arranged to extend over two sessions; and the class should accordingly be attended in two *consecutive* years.

The lectures for 1886-87 will treat of the principles of Textual Criticism, and of some portions of New Testament Introduction.

The practical application of the principles of Criticism and Hermeneutics will be illustrated in Exegetical Lectures, and by the reading of portions of the Greek New Testament.

Essays on subjects suggested by the work of the class are prescribed at intervals during the session, and the progress of the students is further tested by examinations, partly oral and partly written.

Fee for each session, Three Guineas.

* Dr. M'Turk was assistant and successor to Dr. M'Leod from 6th March, 1797.

Class of New Testament Greek.—This is a preparatory class and may be found useful to those who are preparing to pass the examination on the *New Testament in Greek* previous to entering the Divinity Hall. It will be formed only if a sufficient number of students present themselves, and will meet on three days of the week, viz., Tuesday, Wednesday, and Thursday, at 9 A.M. Fee, Two Guineas.

III.—FACULTY OF LAW.

The Faculty of Law embraces the classes of Law (including Scotch Law and Civil Law) and Conveyancing, and also the class of Medical Jurisprudence. In this Faculty there are also Lectureships on Public Law, and on Constitutional Law and History. The Lecturers are appointed for the term of four years.

For the information of students proposing to enter the legal profession, whether as Advocates or as Law Agents, it may be stated that by the regulations of the Faculty of Advocates, every intrant to the Faculty is required to produce evidence of being duly qualified (1) in General Scholarship, and (2) in Law. In General Scholarship the possession of any one of certain University degrees, including the degree of M.A. or LL.B. from a Scottish University, is deemed a sufficient qualification. If the intrant does not hold a qualifying degree he is required to undergo an examination in certain specified branches of General Scholarship, as to which information may be obtained on application to the Clerk of Intrants to the Faculty. On the expiration of a year after the intrant has been found qualified in General Scholarship, his examination in Law may be proceeded with, subject to these conditions; (1) that he shall not during the year before such examination have engaged (except with the sanction of the Dean and his Council, upon special application before the year commences) in any trade, business, or profession, either on his own account, or as assistant to or in the employment of another; and (2) that he shall produce evidence of attendance on a certain course of study in Law. The attendance so required is as follows:—(1) attendance during at least one session as a pupil in a class of Scots Law, and a class of Conveyancing, in a Scottish University; (2) attendance during at least one session as a pupil in a class of (*a*) Civil Law, (*b*) Public or International Law, and (*c*) Constitutional Law, in a Scottish University or in such other University as may be approved of by the Dean and his Council, and (*d*) Medical Jurisprudence, in a University or in a School recognized as qualifying for University Degrees. On the production by the intrant of evidence of his having attended the necessary classes (which he may attend in any order he thinks fit), he is examined (1) on Civil Law, (2) on Private International Law, and (3) on Scots Law. If, however, the intrant has obtained the degree of LL.B. from a Scottish University he is held qualified in General Scholarship and Law without examination or other evidence of qualification, and may at once proceed to what is termed his "Public Examination," subject to the condition that during the year immediately before presenting his diploma he shall not have been engaged in any trade, business, or profession, as above set forth, except with the previous sanction of the Dean and his Council. The regulations regarding the "Public Examination," which all intrants, whether graduates or not, must undergo, require that the intrants shall write a Thesis on a Title of the Pandects assigned to him by the Dean, and shall defend it on its being impugned. The question as to the intrant's admission is then decided by the Faculty voting by ballot.

Admission to the profession of a Law Agent is regulated by the Law Agents Act, 1873, 36 and 37 Vict., c. 63, and by certain relative Acts of Sederunt of the Court of Session, including one dated 20th December, 1873, prescribing rules as to subjects of examination and certain conditions of admission. The Act requires in general that every applicant for admission must have served an apprenticeship of five years with a practising law agent or with a sheriff-clerk in office at the passing of the Act, which apprenticeship if entered upon after the passing of the Act must be served under indenture, recorded and intimated as the Act requires. In certain cases, however, an apprenticeship for three years is allowed as sufficient, the excepted cases including that of a person holding a degree in Law or in Arts of a University in Great Britain or Ireland granted after examination. The above-mentioned Act of Sederunt provides that (save in certain specially excepted cases) no one shall be admitted as an apprentice until he has passed an Entrance Examination by the Examiners appointed by the

Court. It also prescribes the subjects of that examination as well as of the examinations in General Knowledge and in Law which (subject also to certain exceptions) every applicant for admission as a Law Agent is required to pass before the same Examiners. An apprentice or applicant for admission is exempted from any entrance examination or examinations in General Knowledge, if (*inter alia*) he holds a degree of any University in Great Britain or Ireland granted after examination, or if he has attended in three separate sessions three separate classes in Arts in any Scottish University (one of such classes being Humanity), and has taken part in the examinations in such classes. By a subsequent Act of Sederunt of 20th July, 1878, it is declared not to be necessary for any applicant for admission who holds the degree of LL.B. or of B.L. of any Scottish University to undergo an examination in Law before the Examiners, excepting only on Forms of Process, Civil and Criminal. Again, by an Act of Sederunt of 4th November, 1886, it is provided that, while it is not necessary for admission as a Law Agent that any applicant shall have attended the classes of Scots Law and Conveyancing in a Scottish University, it shall be in the power of the Examiners, in conducting the examination of any applicant, to take into account whether such applicant has or has not attended such classes.

For Regulations as to Graduation in Law see Index.

LAW.

This Professorship is in the gift of the Crown. After being long in abeyance for want of revenue, it was revived by the College in 1712, and endowed by Queen Anne in the following year.

Professors.

1714. Wm. Forbes, Advocate.
1746. Wm. Cross, Advocate.
1750. Hercules Lindsay, LL.D.
1761. John Millar, Advocate.
1801. R. Davidson, Advocate.
1842. Allan A. Maconochie, Advocate.
1855. Geo. Skene, Advocate.
1867. ROBERT BERRY, M.A., LL.D., Advocate.

1. SCOTCH LAW.—The course extends to about 100 Lectures, besides the meetings of the class for examination ; and it embraces as full a course of Scotch Law in each session as the time

will permit. It includes Lectures on the Sources and Development of the Law of Scotland; the Law of Contracts and Obligations generally, their Constitution and Extinction, Legality and Illegality; the Law of Sale, at Common Law and as affected by Statute; Stoppage *in transitu;* Retention and Lien; Loan; Deposit; Pledge; Hiring, and the Law of Master and Servant; Law of Carriers and Affreightment; Mandate; Partnership; Bills of Exchange; Cautionary Obligations; Marine, Fire, and Life Insurance; Law of Heritage; Rights of Fishing; Servitudes; Teinds; Prescription as applicable to Heritage; Law of Landlord and Tenant; Succession in Heritage and Moveables, Testate and Intestate; Marriage and Divorce, and the Rights of Husband and Wife; Law of Parent and Child; Guardian and Ward; Actions and Evidence; Damages; Diligence and Bankruptcy; Criminal Law, etc.

The text-book recommended to students is Bell's "Principles of the Law of Scotland."

The class meets five days a week—viz., every day except Monday, from 8 to 9 A.M. At intervals throughout the session the hour is devoted to the ordinary class examinations, which are conducted in writing.

The Fees for the Class of Scotch Law are £4 4s. for the first year of attendance, £2 2s. for the second, and £1 1s. for the third.

Three Prizes are given by the University for proficiency in the class examinations; and the "Robert Ross Prize," being the free annual income of a sum of £500 bequeathed by the late Robert Ross, Esq., writer, Glasgow, is awarded in equal portions to the head students of the year in this class and in the class of Conveyancing. An annual Prize is also given by the Faculty of Procurators, generally for distinction in a special written examination towards the end of the session.

2. CIVIL LAW.—In addition to the Class of Scotch Law, a class of Civil Law will be formed in alternate sessions.

The text-book recommended is Sandars' Institutes of Justinian.

The Fee for the Class is £4 4s.

It is proposed to form a class of Civil Law in session 1887-88.

CONVEYANCING.

This Chair was instituted by ordinance of the Universities Commissioners, of date 15th June, 1861, which was approved by Her Majesty in Council on 11th October, 1861. The right of appointment to the Chair is vested in the Dean and Council of the Faculty of Procurators, Glasgow.

Professors.

1862. Anderson Kirkwood, LL.D.
1867. JAMES ROBERTON, LL.D.

The course extends to upwards of 80 Lectures, arranged under the following heads: (1.) Introductory and Preliminary Lectures,—the latter embracing the Authorities to be cited, the Registers to be referred to, and the Stamp Laws to be observed. (2.) The essential requisites of, and the clauses common to, all Deeds. (3.) Personal Bonds, Personal Contracts (other than Marriage Contracts), and Deeds, *inter vivos*, relating to Moveable Estate. (4.) The Feudal and Burgage System, the constitution of Feudal and Burgage Rights, and the transmission thereof by Deeds *inter vivos*, or by Judicial Acts. (5.) Heritable Securities. (6.) Leases. (7.) Marriage Contracts, Bonds of Provision, Testamentary Deeds and Deeds of Entail. (8.) The completion of Titles, in case of death, to Heritable and Moveable Estate, whether Testate or Intestate.

Lecture Days—Tuesday, Wednesday, Thursday, and Friday.

Examination Day—Saturday. Fee for first year's students, £4 4s.; second year's students, £2 2s.

Prizes are given by the University and the Professor for eminence in the class examinations during the session. Prizes are also given by the Faculty of Procurators for distinction in a written examination towards the end of the session, generally on the completion of Titles in Feudal Conveyancing; and the "Robert Ross Prize," being the free annual income of a sum of £500 bequeathed by the late Robert Ross, Esq., writer, Glasgow, is awarded in equal portions to the head students of the year in this class and in the class of Scots Law.

MEDICAL JURISPRUDENCE.

This Professorship was created by the Crown in 1839.

Professors.

1839. Robert Cowan, M.D. | 1841. Harry Rainy, M.D.
1872. Pierce Adolphus Simpson, M.A. (Cantab.), M.D.

This course, qualifying for graduation in Law (B.L. and LL.B.), extends to upwards of 40 Lectures, and is chiefly devoted to the following medico-legal subjects—viz., Infanticide; Concealment of Pregnancy; Rape; Wounds; Identity; Presumption of Survivorship; General Evidence in Cases of Poisoning; Poisoning by Arsenic; Examination of Blood Stains; Legitimacy; Insanity. The foregoing are the subjects prescribed for examination in the department of Law. The class will meet in alternate years in the Rooms of the Philosophical Society, 207 Bath Street, on five days a week—viz., Tuesday, Wednesday, Thursday, Friday, and Saturday, at 8.45 A.M., commencing early in April. (*Text-book*—Principles of Forensic Medicine by Guy and Ferrier.)

Fee for the Course, £3 3s. The course will be given in 1889.

(See under Faculty of Medicine, p. 84.)

PUBLIC LAW.

This Lectureship was instituted by the University in 1878.

Lecturer.

1878. William Galbraith Miller, M.A., LL.B., Advocate.

The course extends to 40 Lectures, and comprises—

1. Some Introductory Lectures on the Philosophy of Law, showing the relation between Jurisprudence and the other branches of Philosophy, and between the different branches of Positive Law. *Text-books*—See subjects for Law Degrees (Public Law).

2. A series of Lectures on the leading doctrines of Public International Law. *Text-book*—Hall's or Woolsey's International Law.

3. A series of Lectures on the History of International Law.

4. A few Lectures on some special topics of Private International Law. *Text-Book*—Guthrie's Savigny.

Students intending to join the class are recommended to acquire a general knowledge of the leading events of the modern history of Europe and America. Students who have not attended the Moral Philosophy class are recommended to study Sidgwick's Methods of Ethics, Bradley's Ethical Studies, or Green's Prolegomena to Ethics.

The class will meet in the Faculty Hall, St. George's Place, during the Winter Session, alternating with the Civil Law Class. The Class will not meet in session 1887-88.

Class Fee—First year, £3 3s.; second year, £1 11s. 6d.

CONSTITUTIONAL LAW AND HISTORY.

This Lectureship was instituted by the University in 1878.

Lecturers.

1878. Charles Scott Dickson, M.A., Advocate.
1878. Alexander Ure, M.A., LL.B., Advocate.

The Lectures will be partly Doctrinal and partly Historical. They will embrace chiefly the subjects discussed in the text-books prescribed for those who propose taking the degrees of B.L. and LL.B. In the Doctrinal Lectures the following subjects will be treated of:—The Crown; the Cabinet; the House of Lords; the House of Commons; Local Government. The Historical Lectures will cover the period from the Anglo-Saxon migrations to the present reign. Examinations, in writing on the Lectures, and *viva voce* on subjects to be prescribed by the Lecturer, will take place at short intervals throughout the session.

The Class will meet in alternate years during the Summer Session in the Faculty Hall, St. George's Place, five days a week, viz.:—On Monday, Tuesday, Wednesday, Thursday, and Friday, at 5.30 P.M. Fee for the course, £3 3s.

The Class will meet in the Summer Session of 1888.

IV.—FACULTY OF MEDICINE.

The Faculty of Medicine embraces the classes of Practice of Medicine, Anatomy, Natural History, Surgery, Midwifery, Chemistry, Botany, Materia Medica, Institutes of Medicine, Medical Jurisprudence, Clinical Surgery, Clinical Medicine, and Pathology, on all of which attendance is required for the Degree of M.B. To this Faculty also belongs the Lectureship on Diseases of the Eye.

PRACTICE OF MEDICINE.

This Professorship, created in 1637, but long suppressed for want of revenue, was revived by the College in 1712, and endowed by Queen Anne in the following year. It is in the gift of the Crown.

Professors.

1714. John Johnstoun, M.D.
1751. William Cullen, M.D.
1756. Robert Hamilton, M.D.
1757. Joseph Black, M.D.
1766. Alex. Stevenson, M.D.
1789. Thomas C. Hope, M.D.
1796. Robert Freer, M.D.
1827. Charles Badham, M.D.
1841. William Thomson, M.D.
1852. John M'Farlane, M.D.
1862. WILLIAM TENNANT GAIRDNER, M.D.

The course is directed to the exposition of the Healing Art in its more practical aspects, having regard especially to those general principles and doctrines which are more directly available at the bedside of the sick. It is the object of the Lecturer to enforce these principles from a variety of points of view, rather than to give a complete synopsis annually of the individual details of practice in all departments. He is, therefore, in the habit of varying the arrangement of the course from year to year, in order that the mind of the student may be brought to bear upon different aspects of the subject with sustained and renewed attention. In 1887-88 the first part of the course will be occupied with the general doctrines of Pyrexia and of the Febrile Diseases; the use of the thermometer in disease: abnormal temperatures, studied with reference to nutrition, excretion, innervation, etc.; theories thence arising; questions of aetiology; contagion, and *contagium vivum;* specificity as regards fevers; epidemic and endemic conditions, etc. Description of particular fevers, and their classification. [In the more detailed descriptions of the indigenous continued fevers and exanthemata, illustrations will be sought by occasional visits to Belvidere Hospital, by arrangement, on Saturdays during December.] Prognosis and treatment; antipyretics, etc.; diet and hygienic management of fevers. In the early part of the course, up to Christmas, instruction will be given, partly in lectures and partly in the tutorial classes, on the elements of Physical Diagnosis—*i.e.*, Auscultation and Percussion, etc., with reference chiefly to chest diseases, so as to constitute a preparation for hospital and dispensary work. Diseases of the Heart, Arteries, and Veins, with their physical diagnosis, will next engage attention, and afterwards Diseases of the Abdomen. Professor Gairdner proposes to lecture in summer 1887 * chiefly on Diseases of the Nervous System; which, without being included in the lectures of next winter, will form a part of the tutorial class work. The text-book of Dr. Bristowe is particularly recommended to be read along with the summer course, and with reference to the tutorial work of next winter. The course will be illustrated by drawings, wax casts, models, and preparations of morbid Anatomy; and the Lecturer will also refer to the cases under his care in the Infirmary, and, in general, will lead the student to look to his hospital practice as the evidence in detail of what is stated in the class-room. Professor Gairdner conducts at the Western Infirmary part of the Clinical Instruction given to the medical students connected with the University.

Text-Books.—Those most generally used in the class are:—Bristowe's Theory and Practice of Medicine, last edition; Finlayson's Clinical Manual for diagnosis and hospital work; and Tanner's Index of Diseases (for reference to remedies and formulæ). The following well-known systematic treatises, however, are also recommended, and may be used by those who prefer them, viz.:—The recently published "Principles and Practice of Medicine," by the late Dr. Fagge (London, 1886); Tanner (the larger work, including the smaller index), Frederick Roberts, Niemeyer (American Translation), Austin Flint, Principles and Practice of Medicine, 1886, 6th edition. Aitken's "Science and Practice of Medicine" will be found specially useful by those who intend to enter the Army or Navy Medical Service. Graham Brown's, also Fenwick's Treatises on Medical Diagnosis, and Gee on "Auscultation and

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* The class will meet on Tuesdays and Thursdays, and will be open to all matriculated students of the University who have completed their second winter of medical study. It will, however, be distinct from Dr. Gairdner's Clinical Class at the Western Infirmary, which will be held as usual in summer.

Percussion," are smaller and more special works, which will be found very serviceable. The Professor's "Clinical Medicine" (1862) is out of print, but will be found in the Reading-Room, and may be used for occasional reference.

ANATOMY.

This Professorship, with which Botany was at first associated, was founded in 1718 by the Crown and College jointly. A separate Professorship of Botany was established in 1818, a distinct lectureship on that branch having existed for a considerable time previously.

Professors.

1720. Thomas Brisbane, M.D.
1742. Robert Hamilton, M.D.
1756. Joseph Black, M.D.
1757. Thos. Hamilton, M.D.
1781. William Hamilton, M.D.
1790. James Jeffray, M.D.
1848. Allen Thomson, M.D., LL.D., F.R.S.
1877. JOHN CLELAND, M.D., LL.D., D.Sc., F.R.S.

Demonstrators.

John Yule MacKay, M.D.
Robert B. Young, M.A., M.B.
James A. Adams, M.D.
Andrew M. Ramsay, M.B.

In the WINTER SESSION, Anatomical Instruction is conducted in the following courses, viz.:—

1. DESCRIPTIVE OR ELEMENTARY COURSE OF LECTURES.—This class meets on five days weekly, from 2 to 3 o'clock. The lectures comprehend a full systematic description of the Bones, Joints, and Muscles, and a general view of the Vascular and Nervous Systems, and of the more important Internal Viscera.

2. ADVANCED COURSE OF LECTURES AND DEMONSTRATIONS.—This class meets on six days weekly, from 11 to 12 o'clock, viz., on five days for lecture, and on Saturday for Microscopical Demonstrations. The course comprehends: 1st, A Description of the Distribution and Relation of the Blood Vessels and Nerves, with Demonstrations of Regional or Topographical Anatomy; 2nd, Histology, and a Detailed Description of the Viscera, and of the Brain and Organs of the Senses.

3. Practical Anatomy, or Dissections made by the students, under the superintendence of the Professor and Demonstrators. The rooms are open from 9 to 4 o'clock daily, except on Saturdays when they close at mid-day.

Text-Books.—Quain's Anatomy, or Gray's Anatomy in conjunction with Turner's Introduction to Human Anatomy; Ellis's Demonstrations; Cleland's Directory for Dissection.

In the Summer Session, the Rooms for Practical Anatomy are open from 8 a.m. to 2 p.m. daily. Demonstrations are given on Surgical and Topographical Anatomy, as well as lectures on Embryology and other of the higher branches of Anatomy. Elementary Instruction for beginners is also provided.

NATURAL HISTORY.

This Professorship was founded by George III., in 1807. The Professor is appointed by the Crown. In 1876 Mrs. Honyman Gillespie of Torbanehill, endowed a Lectureship in Geology, to be called the "Honyman Gillespie Lectureship," in memory of her husband, W. Honyman Gillespie, Esq. The Professor of Natural History is the present Lecturer.

Professors.

1807. Lockhart Muirhead, LL.D.
1829. William Couper, M.D. | 1857. Henry D. Rogers, LL.D.
1866. John Young, M.D.

Honyman Gillespie Lecturer.

1876. John Young, M.D.

The Lectures will be delivered as follows:—

1. A course of Lectures on Zoology, three days weekly (Monday, Wednesday, Friday), at 9 a.m., commencing in October.

2. A course of Lectures on Geology, three days weekly (Monday, Wednesday, and Friday), at 5 p.m., commencing in November; and demonstrations or excursions on Saturdays.

3. A course of Lectures on Zoology in Summer at 12 o'clock daily.

4. A course of Lectures on Mineralogy by Mr. G. G. Henderson, M.A., B.Sc., George A. Clark Scholar.

Lectures and Demonstrations of Comparative Embryology and Development, with practical instruction, will be given by Dr. Young and Mr. J. H. Fullarton, M.A., B.Sc.

Practical instruction in Zoology will be given in the Zoological Laboratory during the Winter and Summer Sessions by the Professor, with the assistance of Mr. J. H. Fullarton, M.A., B.Sc. A copy of the Laboratory regulations may be obtained from the Laboratory attendant.

The Professional Examinations in October, 1887, will have special reference to the *Amphibia*, *Crustacea*, and *Gasteropoda*; those in April, 1888, to the *Reptilia*, *Insecta*, and *Echinodermata*.

SURGERY.

This Professorship was founded in 1815, and is in the gift of the Crown.

Professors.

1815. John Burns, M.D.

1850. James A. Lawrie, M.D. | 1860. Joseph Lister, M.B., F.R.S.

1869. GEORGE H. B. MACLEOD, M.D., F.R.S.E.

The Professor delivers during winter a course of lectures on the Principles and Practice of Surgery, and in summer conducts a course of Operative Surgery. He also conducts at the Western Infirmary part of the Clinical Instruction given to the Medical Students connected with the University.

GENERAL OUTLINE OF COURSE.

I. History of Surgery.
II. Maladies common to all the Tissues and Organs.
    (*a*) Inflammation and its consequences.
    (*b*) External Injury.
    (*c*) Virulent Affections.
    (*d*) Tumours.
III. Maladies of Special Tissues and Organs.
IV. ,, of Regions.
V. Principles of Surgical Diagnosis.
VI. Operations.

MIDWIFERY.

This Professorship was founded by George III. in 1815. The Professor is appointed by the Crown.

Professors.

1815. James Towers, M.D.

1820. John Towers, C.M.	1834. William Cummin, M.D.
1833. Robert Lee, M.D.	1840. John M. Pagan, M.D.

1868. William Leishman, M.D.

The Lectures embrace the Theory and Practice of Midwifery and the Diseases of Children. The Professor was *ex-officio* Physician to the University Lying-in Hospital and Dispensary, an institution which was many years ago established in the neighbourhood of the old College. The altered cirumstances of the school having, however, rendered this institution unavailable for Clinical instruction, other arrangements have now been made by which the Managers of the Western Infirmary have placed a ward for the Diseases of Women under the charge of the Professor. An out-door department of Practical Midwifery has also been established by them, by which it is hoped that ample opportunities of Clinical instruction may be afforded to the students. To this, and also to the Glasgow Maternity Hospital, the Professor holds the appointment of Consulting Physician.

A course of lectures on the Diseases of Women is delivered in summer.

CHEMISTRY.

This Professorship was founded by George III. in 1817. previous to which time (from 1747) there were Lecturers on Chemistry appointed by the University. The Professor is appointed by the Crown.

Lecturers.

1747. William Cullen, M.D.	1769. William Irvine, M.D.
1756. Joseph Black, M.D.	1787. Thomas C. Hope, M.D.
1766. John Robison, LL.D.	1791. Robert Cleghorn, M.D.

Professors.

1818. Thomas Thomson, M.D. | 1852. Thomas Anderson, M.D.
1874. JOHN FERGUSON, M.A., LL.D.

Assistants.

John Hutchison, F.C.S. | Geo. G. Henderson, M.A., B.Sc.

Lectures on Systematic Chemistry.

The Lectures of this course are delivered daily at 10 A.M. during the Winter Session. They commence with the discussion of the General Principles of Chemical Philosophy, the Non-Metallic and Metallic Elements and their compounds are then treated of, and the latter part of the course is devoted to the subject of Organic Chemistry.

Tutorial Classes.—In addition to the regular lectures, the students are divided into small tutorial classes, which meet at 9 A.M., and receive additional instruction from Mr. Henderson.

Written exercises are prescribed, and oral and written examinations are held during the session.*

Organic Chemistry.

A special course of Lectures on Organic Chemistry, more particularly intended for Medical Students, will be given hereafter in the Summer Session.

Analytical Chemistry.

The Laboratory is open daily during the Winter and Summer Sessions from 10 A.M to 4 P.M., for instruction in Chemical Analysis and the application of Chemistry to Medicine and the Industrial Arts. Each student works independently. He is supplied with a table, gas, re-agents, etc., and goes through a regular series of analytical experiments of gradually increasing difficulty, until he is capable of performing a complete analysis. The more advanced students engage in original investigation.

Fee for the Winter Session, £10 10s.; for the Summer Session, £5 5s.

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* Arrangements are making by which short courses of from 12 to 20 or 25 Lectures on some special or advanced subject will be delivered during the Session. The subjects of these courses will be announced from time to time.

It is proposed to give Lectures next Session on some of the subjects connected with the B.Sc. Degree, and also a course of Lectures on the earlier period of Modern Chemical History.

Practical Chemistry.

This Course which is intended for Medical Students, is given during the Summer Session. It treats of the methods of testing the different bases and acids, the detection of poisons, and the preparation of the more important Pharmaceutical compounds.

Attendance on the course of Chemistry being required for the Certificate in Engineering Science, and for the degree of B.Sc., the attention of students is directed to the following points. It will be found of great advantage to attend the Laboratory course as well as the Lectures, and care should be taken to arrange the classes in such a manner as to leave an interval for study between the conclusion of the Chemical Classes and the Degree Examination.

The Senate have resolved that "Hereafter no candidate for a Certificate in Engineering Science shall be admitted to examination in the Department of Chemistry who has not attained to the value of 50 per cent. for his written exercises in the class."

For the "Malcolm Kerr," the "Metcalfe," the "George A. Clark" Bursaries, the "Donaldson" Scholarship, and the "Mackay Smith" Scholarship, in connection with Chemistry, see under "Bursaries" and "Scholarships."

BOTANY.

This Professorship was founded in 1818. The appointment is vested in the Crown. (See page 98, as to Botanic Garden.)

Professors.

1818. Robert Graham, M.D.
1821. Sir W. J. Hooker, LL.D.
1841. John H. Balfour, M.D.
1845. G. A. Walker-Arnott, LL.D.
1868. Alexander Dickson, M.D.
1879. I. B. Balfour, M.D., D.Sc.
1885. Frederick O. Bower, M.A.

Lectures are given at the College every Tuesday, Wednesday, Thursday, Friday, and Saturday, at 8 A.M., during the months of May, June, and July. On Saturdays, according as the season and the weather permit, either excursions are made for the study of plants in the fields or microscopic demonstrations are given in the Laboratory.

Demonstrations are given in the Botanic Garden or at the College during June and July.

The Botanical Laboratory at the College is open daily from 9 A.M. to 4 P.M., from the beginning of May to the end of July. Classes for elementary practical work in the Botanical Laboratory are formed during these months at hours, so far as practicable, to suit the convenience of students.

A more extended course of Practical Instruction, designed for candidates for the Science Degree, or other more advanced students, is held in the Laboratory in the months of January, February, and March.

The University Herbarium may be consulted by students on applying to the Professor.

Students in the Botanical Class receive a ticket of admission to the Botanic Garden, and may obtain, by applying to the Professor, specimens of plants for private study.

Fees for the Class:—First Course, £3 3s. Second Course, £2 2s. Third Course, £1 1s. For the Botanical Laboratory (either the elementary or the advanced course), £2 2s.

For particulars as to the "Dobbie-Smith" Gold Medal, see under "Prizes."

MATERIA MEDICA.

A Lectureship on this branch was founded by the College in 1766, and a Professorship created by the Crown in 1831.

Lecturers.

1766. William Irvine, M.D.
1787. Thomas C. Hope, M.D.
1788. Richard Cleghorn, M.D.
1791. Richard Millar, M.D.

Professors.

1831. Richard Millar, M.D.
1834. John Couper, M.D.
1855. John A. Easton, M.D.
1865. John B. Cowan, M.D.
1880. MATTHEW CHARTERIS, M.D.

In accordance with alterations recently made in Ordinance No. 15, Glasgow No. 2, and approved by Her Majesty in Council, the instructions in Materia Medica will in future comprise a Winter Course in which special attention will be given to Therapeutics, and a Summer Course to be called Practical Materia Medica. At the third professional examination, written and oral questions on both subjects will be submitted to candidates.

INSTITUTES OF MEDICINE, OR PHYSIOLOGY.

This Professorship was founded by Her Majesty, Queen Victoria, in the year 1839.

Professors.

1839. Andrew Buchanan, M.D.
1876. John Gray M'Kendrick, M.D., LL.D., F.R.S., F.R.S.E., F.R.C.P.E.

Senior Assistant.

Joseph M'Gregor-Robertson, M.A., M.B.

Muirhead Demonstrator.

William Snodgrass, M.A., M.B.

SYSTEMATIC LECTURES.

The Lectures of this course are delivered daily at 12 noon during the Winter Session. They are devoted to an exposition of the main principles and facts of the Physiology of man.

1. *General Physiology*, which includes a description of the functions of the various tissues, and of the chemical reactions which occur in the living body.

2. *Special Physiology*, or the functions of organs and systems of organs. This division of the subject includes (1) nutrition, (2) animal movements, (3) innervation, and (4) reproduction.

3. *Demonstrations.* —A series of demonstrations (once a week) is given by the Muirhead Demonstrator on the applications of Physics to Physiology, and more especially the electrical phenomena of muscle and nerve, and the applications of electricity in physiology and medicine.

4. *Written Exercises* are given, and written and oral examinations are held during the session.

PRACTICAL PHYSIOLOGY.

During the *Summer Session*, practical instruction is given in the Laboratory, by the Professor and Assistants, to classes of not more than thirty students in each class, at such hour or hours as may be found convenient. This course includes :—(1) Instruction in the use of the microscope, and in the microscopical examination of the various tissues with the aid of modern methods of hardening, staining, injecting, and mounting preparations. (2) The analysis of the principal fluids of the body, with special reference to the physiological processes by which they are produced. (*This department is intended as preparatory for Clinical duties in the Hospital.*) (3) The modes of observing and recording physiological phenomena. Students will be instructed in the use of physiological apparatus, and will have the opportunity of acquiring information which cannot readily be communicated in systematic lectures. Fee, £3 3s.

The Laboratory.

The Laboratory is open daily from 10 A.M. to 4 P.M., under the superintendence of the Professor, to whom application should be made by those who may wish to pursue original investigation. It is furnished with the most modern appliances both for research and for the illustration of lectures on Physiology. This has been accomplished at an expenditure of about £2,000. The Senatus voted from its funds £250, and a sum of £1,200 was contributed by the late Chancellor of the University and a number of gentlemen connected with the city and neighbourhood.

Text-Books.

For the Systematic Class—*Outlines of Physiology*, in its relations to man, by Dr. M'Kendrick, 2nd edition, in preparation (James MacLehose & Sons, Glasgow).

For the Practical Class—*The Elements of Physiological Physics*, by J. M'Gregor-Robertson, M.B. (Cassell & Co., Limited, London).

THE MUIRHEAD DEMONSTRATORSHIP OF PHYSIOLOGY.

In December, 1876, Dr. Henry Muirhead, of Longdales, Bothwell Parish, presented to the University the sum of £2,100, and in November, 1879, a further sum of £400 to endow a Demonstratorship of Physiology in connection with the Chair of Institutes of Medicine—the main object being the promotion of medical science by the training of young men of suitable capacity to become teachers and investigators of Physiology. The regulations with reference to the appointment are as follows:—

1. That the title of the appointment be "The Muirhead Demonstratorship of Physiology."

2. That the holder of the office shall act as an assistant to the Professor of Institutes of Medicine in teaching the classes

of Systematic and Practical Physiology and in original investigation.

3. That he shall also be expected and encouraged to engage in independent scientific investigation under the direction of the Professor.

4. That he will not be entitled to conduct any class on his own account without the consent of the Professor.

5. That the incumbent will be expected to devote his entire time to the duties of the appointment.

6. That the appointment be made annually by the Senatus Academicus, with the consent of the University Court, on the recommendation of the Professor of the Institutes of Medicine, who shall furnish evidence to the Senatus of the suitability of the person recommended by him.

Present Demonstrator.

William Snodgrass, M.A., M.B.

MEDICAL JURISPRUDENCE.

This Professorship was created by the Crown in 1839.

Professors.

1839. Robert Cowan, M.D. | 1841. Harry Rainy, M.D.
1872. Pierce Adolphus Simpson, M.A. (Cantab.), M.D.

The lectures on Forensic Medicine are intended to elucidate the application of Medical Science to judicial proceedings, whether civil or criminal.

The first part of the course is occupied with Medical Evidence as bearing on personal injuries, including Poisoning. This is followed by questions connected with the Sexual Functions, and questions relating to Bodily and Mental Soundness.

In addition to oral examinations, subjects are prescribed for written exercises; and in the department of Toxicology facilities are afforded for students desirous of becoming practically acquainted with the tests for poisonous substances, and the processes for separating these from organic mixtures.

N.B.—The Lectures on Forensic Medicine are delivered during the Summer Session, daily at 11 a.m. (See under Faculty of Law.)

CLINICAL SURGERY.

This Professorship was founded by the University in May, 1874. The Professor is appointed by the University Court.

Professor.

1874. GEORGE BUCHANAN, M.A., M.D.

The Professor teaches Clinical Surgery by "Lectures and other instruction" on the cases of patients affected with injuries, diseases, etc., requiring Surgical treatment. There is a Summer as well as a Winter course.

CLINICAL MEDICINE.

This Professorship was founded by the University in May, 1874. The Professor is appointed by the University Court.

Professor.

1874. THOMAS M'CALL ANDERSON, M.D.

The Professor teaches Clinical Medicine by "Lectures and other instruction" on the cases of patients requiring Medical treatment. There is a Summer as well as a Winter course.

DISEASES OF THE EYE.

This Lectureship was instituted by the University in 1828. Great advantages are afforded to students for the study of this branch of practice by the Lecturer being one of the Surgeons of the Glasgow Eye Infirmary.

Lecturers.

1828. William M'Kenzie, M.D. | 1868. George Rainy, M.D.
1869. THOMAS REID, M.D.

Waltonian Medical Lectureship.

Founded in 1788 by Rev. Dr. William Walton, of Upton, in the County of Huntingdon, who bequeathed to the Senate for its support the sum of £1,000, which has been increased by subsequent accumulations to £2,250. It is at present held by DR. THOMAS REID, who is also Lecturer on Diseases of the Eye.

III.—LIBRARIES, MUSEUM, BOTANIC GARDEN.

UNIVERSITY LIBRARY.

The University Library was founded in the fifteenth century. It contains an extensive and valuable collection of books. The Library is under the management of a Committee appointed annually from the Members of Senate. The Librarian is elected by the Senate.

The Library is always increasing by donations and by a grant of £707 per annum from the Treasury, as compensation for the loss of the Stationers' Hall privilege.

During recent years the Library has acquired several valuable collections. Amongst these the most important are the following:—

The Collection bequeathed to the University by the late W. Euing, Esq., amounting to about 15,000 volumes. It contains many books printed in the fifteenth and sixteenth centuries, illustrated books, English Literature, Classics, above 2,000 Bibles, and a very large number of Psalm and Hymn books.

The Library of the late Sir William Hamilton, Professor of Logic in the University of Edinburgh, amounting to about 8,000 volumes. This collection, which consists principally of Classics, editions of Aristotle, and treatises on Logic and Metaphysics, was purchased by private subscription and presented to the University. A list of the Subscribers was inserted in the Calendar for 1879-80.

The Walker-Arnott Botanical Library of 970 volumes.

The Musical Library of the late Thomas L. Stillie, Esq., numbering about 600 volumes. It contains the works of the chief composers, many of them in score, and an extensive series of modern operatic compositions, continental and English.

The works on Mining belonging to the late Alex. Macdonald, Esq., M.P.

Works on Engineering from the libraries of the late Professors Lewis Gordon and Macquorn Rankine; works on Oriental literature from the library of the late Professor Weir; a large collection of Medical works, theses, and pamphlets, from the late Professor Allen Thomson; 800 volumes of general literature from the library of the late F. A. Eck, Esq.;

and numerous works of reference for the Reading Room from Alex. B. M'Grigor, Esq., LL.D.

Wall or table cases were given by William S. Dixon, Esq. (1); William Euing, Esq. (1); Professor Rainy, M.D. (1); Professor Roberton, LL.D. (2); and Alex. Whitelaw, Esq., M.P. (2).

The following are the principal regulations relative to the use of the Library by the various classes of readers:—

Each Member of the Senatus Academicus is entitled to have in his possession at one time twenty-five volumes, but not more.

Retired Principals and Professors are entitled to have in their possession at one time ten volumes, but not more.

Any Assistant to a Professor, or Examiner for Degrees, to whom the Senatus Academicus shall think it expedient to grant the privileges of the Library, is entitled to have in his possession at one time ten volumes, but not more.

Each Member of the General Council is entitled, in each year in which he shall have paid a subscription to the Library of Ten Shillings and Sixpence, to have in his possession at one time four volumes, but not more. The annual subscription may be compounded for by a single payment of Five Guineas. In the case of a Member of the General Council, the year commences at 15th October.

Every person in each of the foregoing classes is entitled to retain each book for one month from the date of borrowing during the Winter Session, and for two months from the date of borrowing during Summer, and is further, after the expiration of such period, entitled to retain each book until the annual period of inspection, unless notice shall be received from the Librarian requiring the return of such book.

Every Matriculated Student enrolled in a Class is entitled, on lodging with the Librarian a deposit of One Pound, to have in his possession two volumes (in Summer, four volumes) at one time, and to retain any book for two weeks (in Summer, four weeks) from the date of borrowing; and further, to re-borrow any book for successive periods of two weeks (in Summer, four weeks), unless application for it shall, in the meantime, have been made by another person entitled to the use of the Library.

No reader is entitled to borrow books in more than one capacity, *e.g.*, as a Student and as a Member of the General Council.

If any book, by whomsoever borrowed, be not returned within three days after notice shall be sent by the Librarian requiring the return of such book, a penalty of One Shilling a volume is incurred, and a further penalty of Sixpence a volume for each day so long as the book is not returned, until the full amount of the fine shall exceed the sum for which the book can be replaced in the Library.

The Librarian is entitled to have in his possession at one time ten volumes, but not more; and any Assistant-Librarian, to whom the Senatus Academicus shall think it expedient to grant the privilege of the Library, shall be entitled to have in his possession at one time four volumes, but not more; provided always that all books borrowed by the Librarian or by any such Assistant-Librarian as aforesaid shall be duly and regularly entered in the ordinary Record of the Library as being borrowed, in the same manner as books borrowed by other persons.

The Senatus Academicus may grant the use of the Library to such extent, and on such conditions as they shall think expedient, to persons for purposes of literary research, and that whether such persons shall be members of the University or not; provided always that no such privilege shall in any case be granted except by Minute of the Senatus specifying the grounds on which the grant is made, and the conditions which have been attached thereto, an extract of which Minute shall be forthwith transmitted to the University Court; provided also that all such persons shall pay a Subscription to the Library of Ten Shillings and Sixpence for the current year.

All grants of the use of the Library made by the Senatus Academicus, in pursuance of the preceding section, shall terminate at the annual period of inspection of the Library, but shall be renewable under like conditions, if again applied for on the expiration of that period.

Books belonging to the Library must not be privately transferred from one reader to another; and must not be lent to Graduates or Students who are not readers.

The Librarian is strictly forbidden to send books by a public conveyance, or do more than deliver books over the counter to a person properly authorized to receive them; and he is empowered, if he think fit, to decline to give out books to any one other than the reader applying in person.

The following classes of books are not given out except on an order signed by three members of Committee:—Manuscripts, Specimens of early typography, Works containing valuable engravings, Dictionaries and other works of reference (unless there is a duplicate in the Library), Maps of a larger size than 20 inches in height and breadth, loose Maps, unbound Music, Works with loose plates or loose letterpress, Rare Books, or Books in any way difficult to replace, Pamphlets, stitched Parts of large works, or Books not sufficiently protected by the binding.

A general inspection of the Library, and of the Record of the borrowing and returning of the books, takes place annually in April, beginning with the 15th and ending with the 22nd.

During the period of the annual inspection, the Library is closed, and all works whatsoever, and by whomsoever borrowed, must be returned to the Library before the commencement of such period, under a penalty of not less than One Shilling a volume; and in the event of any volume not being returned before the expiration of one week after the last day of the inspection, the fine is repeated weekly, until such volume is returned, or until a copy of the work of the same edition, and of equal value, shall at the expense of the borrower be placed in the Library in its stead.

So long as any person shall remain in possession of a book which he is not entitled to retain, or shall allow any fine incurred by him to remain unpaid, the right of such person to borrow or retain any books whatsoever, or to exercise any of the privileges of the Library, is suspended, and remains in abeyance.

Each person returning a book to the Library must see that the book is marked as returned opposite the corresponding entry in the Receipt Book. For every borrower is liable to replace any volume entered in the Receipt Book in his name and not so marked as returned.

The Librarian is instructed forthwith to report to the Library Committee all cases in which he shall find that books have been mutilated, disfigured by writing on the margin, or otherwise injured while in the possession of readers ; and persons guilty of such offences shall be liable to replace the injured books, and shall be fined or suspended from the privileges of the Library at the discretion of the Committee.

All readers borrowing books from the Library must obtain them from, and return them to, the Assistant-Librarians in the ante-room on the days and during the hours when the Library is open.

Persons other than students who wish to consult books in the Library will be accommodated in the First Bay of the Lower Hall. Each person must enter his name and address, and the title of the work or works which he desires to consult, in a book kept for that purpose.

Visitors on giving their names will be conducted over the Library by an attendant. They are not permitted to enter the Reading-Room during the hours when it is open to students.

No person, except Members of Senate, shall otherwise be admitted to the interior of the Library without the special permission of the Curator or Librarian.

All persons, whether readers or visitors, are strictly prohibited from entering the Bays, or taking the books from their places on the shelves.

The Library is open for giving out and receiving back books every lawful day during the Winter Session, from 11 A.M. till 2.30 P.M., except the Christmas and other Holidays specially appointed by the University, when it remains closed, and on Saturdays, when it is open from 11 A.M. till 1 P.M. During the Summer recess it is open on Mondays, Wednesdays, and Fridays, from 11.30 A.M. till 2 P.M.

CATALOGUES.

An Author and Subject Index containing the chief books likely to be interesting or useful to Students, and forming a fairly complete guide to the accessions in English of the last twenty years, may be purchased by readers in the Library at the price of One Shilling.

Students and Graduates who are engaged in special research will, on application to the Librarian, have access to the Classified Catalogues, which include also the older literature and works in foreign languages. The materials for these Catalogues—numbering already twenty-one volumes—have been arranged by Professor Dickson, Curator of the Library, and all the expenses incurred by him in connection with their preparation have been defrayed by Dr. A. B. M'Grigor, the Rector's Assessor in the University Court.

READING-ROOM.

In connection with the Library, a Reading-Room, provided with a special collection of books of reference for the use of Matriculated Students, is open for readers, Saturdays and holidays excepted, during the Winter Session from 9 A.M. till 3 P.M., and during the Summer Session from 11 A.M. till 2 P.M.

The Room is primarily intended for readers consulting the books of the Special Collection; but so far as the accommodation will allow, students may make use of it for individual private study. The following are the principal rules applicable to the Room:—

Every Matriculated Student, who shall at the beginning of the Session or thereafter record (in a book kept by the Librarian) his desire to use the Reading-Room in accordance with the rules for consulting of books or private study, will receive a voucher entitling him to admission. No student will be admitted to the use of the Room without producing his voucher.

Every such student shall on entering apply for a tally entitling him to a seat, shall use it only for the table indicated thereon, and shall personally return it to the Assistant in charge. All readers are required to take at once the seats assigned to them, to abstain from talking, whispering, or any other form of distracting or disturbing others, and to enter and leave the room (and vestibule) with as little noise as possible. Readers shall exhibit their tallies when asked; and shall at once give their names and matriculation numbers, if they shall be requested to do so.

Each student, desirous of borrowing books from the Special Collection in the Vestibule, is required to fill up one of the receipt papers with his name, matriculation number, and the title of the book or books wanted, and to present it to the Assistant-Librarian in charge. Students are not permitted to have the use of more than two volumes at one time. The books received are to be used only in the Reading-Room, and are to be returned by the receiver himself into the hands of the Assistant-Librarian. The return of books by those who have to leave the room at the end of any hour is to be made not later than five minutes before that time, and during that interval no books will be given out.

Books of reference not included in the Special Collection, but contained in the General Library, may be obtained for consultation in the Reading-Room on presenting a paper with the name and matriculation number of the reader making the request, and the title of the book wanted, to the Assistant-Librarian in the Vestibule.

The Assistant-Librarian in charge is instructed to report at once to the Library Committee the name of any student transgressing the rules.

N.B.—The south corridors have been enclosed and provided with benches for the use of *other* students in the intervals of their classes.

Donations to the University Library.

List of Donations from 1st March, 1886, to 28th February, 1887:—

James Alexander Smith, Esq.—Complete defence of the Empire.—The Pythagorean ratios.

University of Edinburgh.—List of members of the General Council. 1886.—Calendar. 1886-87.

W. E. Smith, M.I.N.A.—Distribution of armour in ships of war. 1885.

Ministère de l'Instruction Publique, Paris.—Bulletin des bibliothèques et des archives. 1885, 1, 2; 1886, 1, 2.

Sociedade de Geographia de Lisboa.—Boletim. 7, 8, 11, 12.

Society of Chemical Industry.—Journal. Vol. V. 1886.

Science and Art Department, South Kensington.—List of books on gems. 1886.—List of works illustrating sculpture. 2nd edition. 1886.—Thirty-third report. 1886.—Directory. 1886.—Books and pamphlets illustrating seals. 1886.—Examination papers for science schools. 1886.—Prospectus of Whitworth's scholarships. 1886.—List of books on anatomy.—Calendar and general directory. 1887.

Trustees of the British Museum.—Kidston, Catalogue of palæozoic plants. 1886.—Catalogue of printed maps, plans, and charts. 2 vols. 1885.—Catalogue of books in the galleries of the reading-room. 1886.—Introduction to the study of meteorites. 1886.—Catalogue of fossil mammalia. II., III. 1885-86.—Catalogue of birds. Vol. XI. 1886.—Illustrations of lepidoptera heterocera. Part 6. 1886.—Etheridge, Catalogue of the blastoidea. 1886.—Guide to the Geological galleries. 1886.—Guide to the Exhibition galleries, Bloomsbury. 1886.—Guide to the sculptures of the Parthenon. 1886.—Guide to Mausoleum-room. 1886.—Guide to Nimroud central saloon. 1886.—Anderson, Catalogue of Japanese and Chinese paintings. 1886.—Blumhardt, Catalogue of Bengali printed books. 1886.—Wroth, Greek coins of Crete. 1886.—Fortescue, Subject index of modern works, 1880-85.

Farrar, Missions : a sermon. 1886.

University of California.—Register. 1885-86.

Geological Survey of India.—Palæontologia Indica. Ser. X. Vol. III., 7, 8; Vol. IV., 1, 2. Ser. XIII. Vol. I., 5. Ser. XIV. Vol. I. iii. 6.—Records. XIX. 1-4.

Calcutta University.—Tagore law lectures. 1884, 1884-85.—Calendar. 1887.

Harvard University, U.S.—Annual reports of the President and Treasurer. 1884-85, 1885-86.—University bulletin. Nos. 34-36.

Boston Public Library, U.S.—Whitney, Catalogue of the Ticknor Collection. 1879.—Index to books in the Bates hall of Public library. 1st supplement. 1866.—Annual reports of the trustees. 1854-85.—Bulletin. Vols. I.-VI. 1868-85.—Periodicals in the Central library. 1873.—Lower hall class list for poetry, etc. 1870.—Catalogue of works in arts and sciences in the lower hall. 1871 and 1881.—Catalogue of prose fiction in the lower hall. 1885. Catalogue of books in foreign languages in the lower hall. 1881.—Handbook for readers. 1883.

James Paton, F.L.S.—Report on Kelvingrove Museum. 1885.—Catalogue of the Glasgow photographic exhibition. 1886.—Guide to the Glasgow photographic exhibition. 1886.

Relations of the late Professor F. M. Balfour.—The works of F. M. Balfour. 4 vols. 1885.

Librarian of the Philosophical Society.—Catalogue of books in the library of the Philosophical Society. 1883.

Professor Jack, LL.D.—Proceedings of the London Mathematical Society. Nos. 141-274. — Journal de l'École Polytechnique. Cahier 44-54. 1874-84.

David Murray, M.A., F.S.A. Scot.—Some Glasgow and other provincial coins. 1885.

Edward Dingle, Esq., Devon.—The balance of physics. 1885.—"How readest thou ?" 1886.

Aberdeen University.—Calendar. 1886-87.

Institute of Civil Engineers.—Minutes of proceedings. LXXXIII.-LXXXVII.

Society of Antiquaries of Scotland.—Proceedings. 1884-85.

Chemical Society, London.—Catalogue of the library. 1886.—Journal. 280-291.—Abstracts of proceedings. 19-33.

Asiatic Society of Bengal.—Bibliotheca Indica. Old series, 252-255. New series, 561-595.

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DIVINITY HALL LIBRARY.

This Library is set apart for the special use of students in Divinity. It contains an extensive collection of Theological works. It is supported chiefly by an annual grant from the Senate of Seven Shillings for each student attending the Divinity classes.

The Librarian is elected annually by the students attending the Hall.

HUNTERIAN MUSEUM.

This Museum, one of the most interesting possessions of the Senate, was founded by the eminent William Hunter, M.D., who was born in 1718, at Cantieswell or at Long Calderwood, in the parish of East Kilbride, Lanarkshire. By his will, dated 1783, he bequeathed to the Principal and Professors of the College, and their successors in office, his valuable collection of books, manuscripts, coins, paintings, anatomical preparations, zoological and mineral specimens, and archæological relics, and appropriated £8,000 for the erection of a building for their reception and preservation.

The building erected in 1804 became the property of the Union Railway Company, as explained at p. 26. But accommodation has been provided for the collections in the new buildings at Gilmorehill. The Museum occupies the north side of the eastern quadrangle, and consists of two halls, the upper of which is galleried. Visitors desirous of consulting in the Museum should, if possible, arrange to come between 2 and 4 P.M. Numismatists desirous of consulting the cabinet of medals should communicate with the Keeper a few days before the date of their proposed visit.

The Museum is now open to the public from 11 to 3 in winter, 11 to 4 in summer; admission sixpence. A catalogue of the pictures and other works of art in the University may be purchased from Messrs. MacLehose & Sons, 61 St. Vincent Street, or at the Museum. Catalogues of the Library, Medals, and Minerals are in course of preparation.

The Keeper of the Museum, by present custom the Professor of Natural History, is appointed by the Trustees, who, in terms of Dr. Hunter's will, are the Principal and Professors of the College.

The revenue derived from the admission fee has been hitherto the only fund available for the maintenance and extension of the collection. Donors of specimens are entitled to free admission. Each matriculated student has the privilege of introducing two friends once during the session.

The following have contributed to the Museum during the past year:—

Mr. D. C. Glen, Glasgow; Mr. Thomas King, Glasgow; Mr. Walter Groome, student, Glasgow; Mr. Cuthbertson, Glasgow; Mr. Robert Mason, Glasgow; Mr. John Smith, Eglinton Iron Works, Kilwinning; Major Prevost, 93rd Highlanders; Dr. Wilson, Wanlockhead, Lead Hills; Dr. Heddle, St. Andrews; Mr. Mark Brand, student, Baillieston, specimens of rocks, minerals, and fossils; Mr. R. T. Sutherland; Mr. Robert Coutts Armour; Mr. Thomas Steel, Fiji; Mr. S. Sinclair, Sydney, New South Wales; Mr. William Blackburn, Roshven, Argyllshire; Mr. Anderson Smith, Ledaig, Argyllshire, ethnological and natural history specimens; Mr. David Murray, M.A., casts of Scottish tokens; Miss Brown, Lanfine, Ayrshire, one half remaining portion of her late father's mineral collection, consisting of polished specimens of agates, jaspers, gem-stones, serpentines, marbles, fossil-woods, gold and silver ores, etc.

The most important addition during recent years has been the collection of the late F. A. Eck, Esq., formerly of Hollybush. During a long residence in South America, and afterwards while resident in Britain, Mr. Eck formed a splendid collection of minerals, numbering in all over 3,000 specimens. The minerals of Peru, Chili, Guatemala, New Grenada, Mexico, and California, are richly illustrated, while the European series of over 1,200 specimens is also representative. There are besides a fine series of polished precious stones, and also specimens of the old Mexican and Peruvian pottery, and of modern carved work. This splendid gift—along with the handsome cabinets in which the specimens are contained—the largest since Miss Brown, of Lanfine, presented in 1875 one half of her late father's mineral collection, is due to the generosity of Mr. Eck's family, who have enjoined that the collection be kept apart and used, so far as possible, to aid the teaching of mineralogy.

BOTANIC GARDEN.

A piece of ground adjoining the old College was for many years set apart as a Botanic Garden, for the use of the Lecturer on Botany; but the great increase of manufactories and other buildings in its vicinity having rendered it unfit for such a purpose, the University, in 1817, agreed to subscribe £2,000 towards the formation of a new Botanic Garden then projected by the citizens of Glasgow, on condition that a Lecture-Room should be erected within it for the exclusive use of the Professor of Botany and his pupils—that every facility should be given them in prosecuting the study of Botany—and that three Directors of the Institution should be annually appointed by the Faculty of the College, to represent and protect the interests of the University. The Garden to which this agreement referred was completed and opened to the public in 1819. A Lecture-Room, in which the Professor of Botany delivered an annual course of Lectures during the summer months, was built; and the collection of plants, from the zeal and ability of the Superintendent, and the favourable situation of Glasgow, had become one of the richest and most valuable in the island. The extension of the town again compelled the removal of the Garden to its present site in Hillhead, at a greater distance from the old College, so that the Professor, while he continued to give in it the practical portions of the course (*Demonstrations*), found it more convenient to deliver his Lectures at the College. The removal of the College to Gilmorehill brought it nearer the Botanic Garden, but the Lecture-Room in the Garden being inadequate for the students attending the Lectures on Botany, and there being no Laboratory, Museum, or Herbarium-Room in the Garden, the Professor has continued, though at great inconvenience, to deliver Lectures and to have his Laboratory at the College. It is desirable that the accommodation in the Botanic Garden be increased so that the systematic lectures as well as the practical demonstrations may be given in the Garden, that the Botanical Laboratory be established there also, and that the Herbarium and Museum be lodged alongside of the Lecture-Room.

IV.—GRADUATION IN THE SEVERAL FACULTIES.

EXAMINERS FOR DEGREES.

Degree in Arts.

The Examiners for the Degree of Master of Arts, without Honours, are the Professors whose classes are embraced in the prescribed course of study, and in addition, Three Persons, not being Professors or Assistant-Professors in any Scottish University, appointed by the University Court, and in the appointment of whom regard is had to their eminence in Classical Literature, Mental Philosophy, and Mathematical Science.

The Examiners appointed by the University Court are appointed for a term of three years, but the appointment of any Examiner, during the currency of his term of office, to a Professorship or Assistant-Professorship in any Scottish University, is held to vacate his office of Examiner; and in the event of a vacancy in the office of Examiner occurring otherwise than by the expiration of his term of office, the Examiner appointed by the University Court, in his room, is appointed for the remainder of such term only.

No person who has been appointed to the office of Examiner for the period of three years, is eligible for re-appointment to the office of Examiner in the same University, until he has ceased to hold the office of Examiner in such University for not less than one year.

The Examiners for Graduation with Honours are the same Professors and additional Examiners as for Graduation without Honours; in the examination of candidates for Honours in the Department of Natural Science, there are added the Professors of Natural History, Chemistry, and Botany; and the University Court may, if they think fit, appoint an additional Examiner, skilled in Natural Science, not being a Professor or Assistant-Professor in any Scottish University.

No person is appointed an Examiner who is not a member of the General Council of one or other of the *Scottish* Universities.

Degrees in Science.

The Examiners for Degrees in Science in those subjects not included in the curriculum for M.A., are the Professors in the several departments.

Degrees in Medicine.

The Medical Examiners for Graduation in Medicine are the Professors in the Faculty of Medicine (including the Professor of Natural History), and, in addition, not fewer than six persons, appointed by the University Court, who are selected from among the Fellows of the three following bodies, namely : the Royal College of Physicians of Edinburgh, the Royal College of Surgeons of Edinburgh, and the Faculty of Physicians and Surgeons of Glasgow, or persons otherwise fully qualified in the judgment of the University Court.

The examinations in extra-professional education are conducted under the superintendence of the Examiners in Arts (who may be Professors), together with some of the Medical Examiners.

Degrees in Law.

The Examiners for the Degree of Bachelor of Laws are the Professors in the Faculty of Law and three additional Examiners appointed by the University Court, who are Professors in the Faculty of Law in a Scottish University, or who have obtained the Degree of Bachelor of Laws in accordance with the provisions of Ordinance of the Universities Commissioners, No. 75.

The Examiners for the Degree of Bachelor of Law are the Professors in the Faculty of Law, together with two additional Examiners appointed by the University Court from among Graduates of Law of any of the Universities of Scotland. Each of such additional Examiners holds office for the term of three years.

Degrees in Divinity.

The Examiners for the Degree of Bachelor of Divinity are the Members of the Divinity Faculty.

REGULATIONS FOR GRANTING DEGREES.

1.—GRADUATION IN ARTS.

There are two examinations for students about to enter the Faculty of Arts, viz., the Entrance Examination and the Preliminary Examination. Students under the age of 17 years are required to pass the Entrance Examination, and thereafter may complete their course in four sessions. The Preliminary Examination must be passed by those students, whether under or over the age of 17 years, who wish to complete their course in three sessions.

Entrance Examination in the Faculty of Arts.

The University Court on 4th April, 1882, resolved to institute an Entrance Examination in the Faculty of Arts, and the necessary steps having been taken the first Entrance Examination was held in November, 1883.

The Entrance Examination for the session 1887-88 will be held upon *Tuesday, the* 1*st, and Wednesday, the* 2*nd of November*, 1887, beginning at 10 A.M. on each day. All students entering the University for the first time in the session 1887-88, and who have not completed the age of 17 on or before the 1st November, 1887, will be required to pass the Examination, unless they have previously presented themselves for the Preliminary Examination in Arts, and passed in at least two of the subjects of that Examination. Candidates who fail in the Preliminary Examination, but who, in the opinion of the Examiners have come up to the standard required for the Entrance Examination in any subject, will be exempted from examination in that subject. All other students below the age of 17 who do not present themselves for the Entrance Examination, or who fail to pass it, will be permitted to attend any of the classes in the curriculum of Arts for purposes of instruction, but such attendance will not qualify for graduation, nor entitle a student to receive a Public Certificate of attendance.

Candidates desiring to present themselves for the Entrance Examination are requested to send in their names to the Clerk of Senate on or before Saturday, October 22nd, 1887, stating in what subjects they desire to be examined.

The Examination will be conducted by two special Examiners, acting in conjunction with the Professors in the Faculty of Arts. The Examiners for 1887 will be Dr. John Kerr, one of H.M. Inspectors of Schools for Scotland, and Mr. John G. Kerr, Lecturer in the Church of Scotland Training College, Glasgow.

ENTRANCE EXAMINATION FOR THE ARTS CLASSES IN THE UNIVERSITY OF GLASGOW.

1. The above Examination must be passed by all students who have not attained the age of 17, and who are for the first time entering any of the Arts Classes with a view to a Public Certificate.

2. Students who have passed the Preliminary Examination *in at least two subjects* are not required to pass the Entrance Examination. No student below the age of 17 can pass the Preliminary Examination on one subject only, unless he also pass the Entrance Examination.

3. In the event of a student below the age of 17 failing to pass the Entrance Examination, but nevertheless electing to attend and attending any of the Arts classes for purposes of instruction only (*i.e.*, as a private student in accordance with the

regulations of the Senate), he is permitted to present himself for the Preliminary Examination at the commencement of the next (or any subsequent) Session, which shall be considered for the purposes of Ordinance No. 14, sec. I., as "the time of his entrance to the University."

4. All candidates are required to pass in English; and, in addition, in any two of the following five subjects, viz. :—1, Latin; 2, Greek; 3, Arithmetic and Mathematics; 4, French or German; 5. A period of History. Two hours will be given for the Examination in each subject.

5. The Examination in the various subjects will be as follows :—

ENGLISH—

(*a*) Passage to be written from Dictation.
(*b*) Questions on Grammar.
(*c*) A subject will be proposed for a short English Composition.

LATIN—

(*a*) Latin Grammar, including Syntax.
(*b*) An easy passage from a Latin author to be translated into English, with parsing of words.
(*c*) Sentences to translate from English into Latin.

GREEK—

(*a*) Xenophon's *Anabasis*, Book II. Translation; with questions on (1) Parsing; (2) Syntax; (3) History and Geography.

MATHEMATICS—

(*a*) Arithmetic.
(*b*) Euclid, Books I. and II.
(*c*) Algebra, including Equations with One unknown Quantity.

FRENCH—

(*a*) Passage for Translation into English from Voltaire's Charles XII., Books I., II., and III.
(*b*) Easy passage from some author selected by the Examiner.
(*c*) Questions on Grammar, with an easy passage of English to be translated into French.

GERMAN—

(*a*) Passage to translate from Schiller's *Maria Stuart*, Acts I., II., and III.
(*b*) Easy passage for translation from some author selected by the Examiner.
(*c*) Questions on Grammar, with an easy passage to be translated from English into German.

HISTORY—

Candidates to have a choice between Ancient and Modern History. Those who select Ancient History will be expected to have a good general knowledge of either of the following periods :—

(*a*) *Greek History*, from B.C. 431 to B.C. 323; or,
(*b*) *Roman History*, from B.C. 133 to B.C. 31.

Those Candidates who select Modern History will be expected to have a good general knowledge of either of the following periods :

(*c*) *Scottish History*, from the accession of James I. of Scotland down to the Union of the Crowns.
(*d*) *English History*, from the accession of James I. of England to the accession of William III.

6. Candidates who have gained the Senior or Junior Local Certificate of any Scottish University, or the Certificate of an equivalent examination in England or Ireland, for any three of the subjects included in the examination (of which English must be one), will be exempted from the Entrance Examination.

7. Although in several of the subjects special books have been set, the main object of the examination will be to ascertain that the Candidate has a sound general knowledge of the subject, and especially of its elements, rather than to test a specially-acquired knowledge of the books prescribed.

Preliminary Examination in Arts.

The attention of students is called specially to the following points:—

1. The Preliminary Examinations are in every case voluntary.
2. No student can offer himself for a Preliminary Examination except when entering the University for the first time.*
3. A student who passes the Preliminary Examination in Greek and Latin, may complete the course of study required for the Degree of Master of Arts in three sessions.
4. A student who passes the Preliminary Examination in one or more departments is entitled to enter the senior class or classes in the department or departments in which he passes, and may qualify himself for Graduation in Arts by attending such senior class or classes for one session, without attending the junior class or classes in the department or departments in which he passes.

A Senior Certificate granted by the Local Examination Board of any Scottish University is accepted *pro tanto* as qualifying for a course of three sessions.

The subjects of the Preliminary Examinations in the different departments are as follows:—

Latin and Greek.

Easy passages to translate from Latin and Greek authors.
Translation from English into Latin.
Simple questions in Grammar and History.

Mathematics.

First Six Books of Euclid.
Plane Trigonometry.
Algebra, including Quadratic Equations.

*** The Examination Questions for 1886 are given in the *Calendar*.

[The Preliminary Examination in Latin, Greek, and Mathematics will be combined with the Examination for the Competition Bursaries.]

Names of Candidates to be given in to the Assistant Clerk (Matriculation Office) not later than October 18th.

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* See 3, page 102.

Degree of Master of Arts.

I. The Course of Study necessary for the Degree of Master of Arts extends over four Winter Sessions, and includes attendance for not less than two sessions on the classes of Humanity, Greek, and Mathematics respectively, and attendance for not less than one session on the classes of Logic, Moral Philosophy, and Natural Philosophy respectively, and also attendance on a course of English Literature; but any student who, at the time of his entrance to the University, shall satisfy the Professors in the Faculty of Arts, on examination, that he is qualified to attend the higher classes of Latin, Greek, and Mathematics, or any of them, is admitted to such higher class or classes, without having previously attended the first or junior class or classes in the same department or departments; and in the case of students who are, after such examination, admitted to the higher Greek and Latin classes, the course of study for the Degree of Master of Arts may be completed within three winter sessions instead of four.*

The attention of students about to pursue the course of study for the Degree of Master of Arts is called to the following regulations, adopted by the Senate, which will apply to students commencing in Session 1875-76 (or thereafter) the course of study for the Degree:—

1. Attendance on the qualifying course of Natural Philosophy for the Degree of M.A. shall be subsequent to the completion of the qualifying course of Mathematics.

2. Two sessions of the lowest class of Humanity, or Greek, or Mathematics, do not constitute two sessions of one of these classes, within the meaning of Ordinance No. 14.

3. A student found qualified at the preliminary examination to attend the senior class of Humanity, or Greek, or Mathematics, must attend such senior class in order to qualify for the Degree without more than one session's attendance on such class.

It is strongly recommended that students prepare themselves to attend the upper junior class of Mathematics in the first or second session of their course of study for the degree.

4. In session 1879-80, and thereafter, to qualify for the Arts Degree, the Logic Class and the Moral Philosophy Class must be attended in separate sessions, the Logic Class being taken first.

II. In pursuing the course of study for the Degree of Master of Arts, no student is permitted to pass from the junior to a higher class in any department, unless the Professor is satisfied of his fitness to enter the higher class.

III. Any student who has completed the required attendance on the Latin and Greek Classes, may be examined on those subjects at any examination for Degrees, although he has not completed his attendance on the other classes of the prescribed course; and, in like manner, any student who has completed the required attendance on the classes of Logic and Moral Philosophy, and course of English Literature, may be examined on these subjects at any examination for Degrees, although he has not completed his attendance on the other classes of the prescribed course; and, in like manner, any student who has completed the required attendance on the classes of Mathematics and Natural Philosophy, may be examined on these subjects at any examination for Degrees, although he has not completed his attendance on the other classes of the prescribed course; and, if such student shall satisfy the Examiners, when so examined in Latin and Greek, or in Logic, Moral Philosophy, and English Literature, or in Mathematics and Natural Philosophy, he is entitled to receive from them a certificate to that effect, and he is not again examined on the same subjects, as a condition of his taking the Degree of Master of Arts.

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* For the details of this Preliminary Examination, see above

IV. Students who have passed satisfactorily an examination or examinations on the several subjects embraced in the prescribed course of study, are entitled forthwith to receive the Degree of Master of Arts without Honours; but they may, before taking a Degree, offer themselves for a farther examination, with a view to Graduation with Honours; provided always, that any student who desires to offer himself for examination, with a view to Graduation with Honours, in any one or more departments, may proceed to such examination without having previously passed the examination in such department or departments for the Degree of Master of Arts without Honours; and if such student, in the opinion of the Examiners, fails to attain the standard for Honours in any department, but attains to the standard of the examination for Graduation without Honours, he shall be held to have passed in that department for the Degree of Master of Arts without Honours; but if in any such department he fails to attain to the standard of the examination for Graduation without Honours, he shall not be entitled, until he shall have passed in that department, to the Degree of Master of Arts:* Provided also, that no person shall be admitted to examination for Honours after he has ceased to be a matriculated student in attendance on a class or classes in the University for more than one winter session, unless he has been prevented from offering himself by ill-health or other sufficient cause.†

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* The above change in the ordinance regulating the examination for Graduation with Honours was approved by Her Majesty in Council, June 4th, 1870. By minute of Senate, of date Nov. 27, 1873, with reference to this change in the ordinance, a student is allowed to go in for honours in any department, whether or not he has completed his curriculum, provided that he has sufficiently attended the classes in the department in which he offers himself; but no certificate of passing with Honours is given till the Degree is conferred.

† By minute of date 28th November, 1872, the Senate resolved that the power conferred on them of dispensing with the above regulation "will not be exercised except in the case of the applicant having been precluded from attendance by ill-health, or very peculiar circumstances, quite beyond the applicant's control; attendance at another University not to be considered such."

V. There are four departments, in any one or more of which candidates for Graduation with Honours may offer themselves for examination, viz. :—

A. Classical Literature.
B. Mental Philosophy, including Logic, Metaphysics, and Moral Philosophy.
C. Mathematics, including Pure Mathematics and Natural Philosophy ; and
D. Natural Science, including Botany, Geology, Zoology, and Chemistry.

VI. In each of the first three of the above-mentioned departments—viz., in Classical Literature, in Mental Philosophy, and in Mathematics—there are two grades of honour, denominated respectively the First Class and the Second Class ; but in the department of Natural Science there is one class of Honours only ; and the names of the candidates entitled to honours in each class, in the several departments, are arranged, when publicly announced, in alphabetical order.

VII. It is in the power of any student, who has given attendance during one or more sessions on the course of study in any other *Scottish* University, to complete his course of study, and proceed to the Degree of M.A. in this University : Provided always, that every such student shall produce, to the satisfaction of the Senatus Academicus of this University, testimonials of his attendance at the former University, and shall be examined in all the departments necessary for the Degree of Master of Arts by the Examiners of this University : Provided also, that no student shall be admitted to a Degree in this University unless he has given attendance in this University during the last two sessions of his course.

VIII. The Degree of Master of Arts is in no case conferred except on persons who have complied with the conditions hereinbefore set forth, and is in no case conferred *honoris causâ tantum.*

IX. Every student who, previous to the commencement of session 1861-62, had completed a part of his course with a view to Graduation in Arts, under regulations in force at the time, and who shall hereafter complete his course of study in conformity with such regulations, may become a candidate for the Degree of Master of Arts without complying with the present regulations, so far as they relate to the course of study for that Degree, provided he pass the examination or examinations required by the present regulations.

X. Each candidate for the Degree of Master of Arts is required to pay a Fee of One Guinea in respect of each of the three departments of the examination for Graduation without Honours ; each such Fee of One Guinea being payable at the time at which the candidate comes forward to be examined in that department in respect of which it is payable; and no further Fee than the sum of Three Guineas is payable by any candidate in respect of examination for the said Degree, whether with or without Honours.

XI. The Examinations for the Degree of Master of Arts are held in April and November (in 1887-8, commencing October 29th and April 14th); and the graduation takes place in the beginning of May, and in November. Applications for examination must be lodged with the Assistant Clerk (Matriculation Office), on 1st October, 1887, and 10th March, 1888, respectively.* The subjects and the dates of examination are set forth in the accompanying tables.

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* When Names are not given in and Fees are not paid on or before the stated dates, a late Entry Fee of Ten Shillings must be paid before the Candidate can be admitted to examination. A Candidate is not held to be entered for the examination until his Name is entered, the Fee paid, and all the necessary Certificates, etc., lodged.

TABLE OF SUBJECTS OF EXAMINATION FOR THE DEGREE OF MASTER OF ARTS, ACCORDING TO THE DIFFERENT CLASSES OF DISTINCTION WHICH CANDIDATES MAY HAVE IN VIEW.

The Examination Questions prescribed in April, 1887, in the several Departments and Subjects will be found towards the end of the Calendar.

IN	FOR ORDINARY DEGREE.	FOR HONOURS.
LATIN	*For November*, 1887, *and April*, 1888. VIRGIL, *Æneid*, Book IX. HORACE, *Odes*, Book III. JUVENAL, *Satires*, I, III, XIII, XIV, XV. TACITUS, *Annals*, Book I. Any one of the following: (*a*) CICERO, any oration or orations of not less than 40 chapters; (*b*) CICERO's *Epistles*, any 40 consecutive pages (Muirhead's Selection); (*c*) any Book of LIVY. ROMAN HISTORY up to B.C. 264 (*Students' History of Rome*, Books I, II, III). Proficiency in Latin Prose Composition and in Grammar is required. A knowledge of the matter of the Books read is essential. A piece of unseen translation will be added. *For November*, 1888, *and April*, 1889. VIRGIL, *Æneid*, Book X. HORACE, *Odes*, Books II, IV. JUVENAL, *Satires*, I, III, XIII, XIV, XV. TACITUS, *Annals*, Book II. Any one of the following: (*a*) CICERO, any oration (or orations) of not less than 40 chapters; (*b*) CICERO's *Epistles*, any 40 consecutive pages (Muirhead's Selection); (*c*) any Book of LIVY. ROMAN ANTIQUITIES and ROMAN HISTORY from B.C. 263 to B.C. 130 (*Students' History of Rome*, Books IV, V). Proficiency in Latin Prose Composition and in Grammar is required. A knowledge of the matter of the Books read is essential. A piece of unseen translation will be added.	*For November*, 1887,* *and afterwards till further notice.* VERSE. { VIRGIL, Æneid VII.—XII. HORACE, the Odes and Epistles. And any two (or more) of the following combinations: (*a*) LUCRETIUS, Books I, II, with a play of Plautus. (*b*) JUVENAL (the whole excepting Sat. II, VI, and IX). (*c*) PERSIUS, with Sellar's Selections from Martial, Books I-IV. (*d*) CATULLUS (Strong's Selection) and Propertius (Ramsay's Selection). } PROSE. { CICERO, the *Philippic Orations*, I-VI, or any oration of Cicero, or any consecutive portion of Cicero's *Epistles* (Muirhead's Selection) of at least equal length. LIVY, I-III, or XXI-XXIII. TACITUS, *Annals*, Books I-IV. } With Latin Composition, History, and Antiquities, &c. Passages also from Books not prescribed will be set. Candidates may profess any extra books they please.

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* N.B.—The Examination for Honours in Classics and for Classical Fellowships will commence upon Saturday, October 29th, at 3 p.m. (instead of on the Monday as formerly).

IN	FOR ORDINARY DEGREE.	FOR HONOURS.
GREEK	*November*, 1887, *and April*, 1888. HOMER, *Iliad* or *Odyssey*; any continuous portion of not less than 750 lines. SOPHOCLES, *Oedipus Coloneus* (from v. 254), or *Antigone*. HERODOTUS, Book VIII, from ch. 74. PLATO, *Euthyphro*. Questions on Greek Grammar, Literature, History, and Antiquities. *November*, 1888, *and April*, 1889. HOMER, as above. SOPHOCLES, as above, or *Philoctetes*. HERODOTUS, Book IX, to ch. 65. PLATO, *Crito*. Questions as above. The questions on History will be on Dr. W. Smith's *Students' History of Greece*, ch. XXII-XXXIII inclusive (478-404 B.C.) A simple passage of unseen translation may be set.	*November*, 1887: *and afterwards till further notice.* VERSE.—HOMER, *Odyssey*, Books 1-XII. Any two of the following (*i.e.*, four plays in all): 1. AESCHYLUS, *Agamemnon* and *Eumenides*. 2. SOPHOCLES, *Oedipus Tyrannus*, *Oedipus Coloneus*. 3. EURIPIDES, *Phoenissae*, *Iphigenia in Aulide*. PROSE.—THUCYDIDES, Books III, IV, V, VI. Either— 1. PLATO, any two of the following Dialogues—*Phaedo*, *Protagoras*, *Gorgias*, *Theaetetus*: Or— 2. ARISTOTLE, *Politics*, Books I, II, III, or IV, V, VI (as numbered in Bekker's text), or *Rhetoric*, Books I and III. Greek Composition. Questions in Greek Grammar, Literature, History, and Antiquities. Candidates will be required to show a thorough acquaintance with the subject matter, as well as with the text, of the Books. Candidates for Second Class Honours only may profess an amount equivalent to at least *one-half* of each of the authors, Greek or Latin, prescribed above.
LOGIC	The Professor's Lectures, and *Institutes of Logic*, except chapters V, XIII, XIV, XX, XXV. (Large Print only).	In addition, the Theaetetus; Descartes, the Method, Meditations and Principles of Philosophy, English Translation, new edition with Introduction, 1879; Berkeley, Prof. Fraser's Selections from Berkeley, 2nd edition, 1879; Locke's Essay, Books II and III; Hume, Enquiry Concerning Human Understanding; Reid, Essays on the Intellectual Powers, II, III, VI, with Hamilton's Notes and Supplementary Dissertations, Notes A (Common Sense), B (Presentative and Representative Knowledge), C (External Perception), D (Qualities of Body), D ** (Association). Hamilton's Discussions (Logic, Perception, Cousin and Philosophical Appendix). Kant's Critique of the Pure Reason. The General Principles and Methods of Fichte, Schelling, Hegel; Institutes of Logic (Large and Small Print); Mill's Logic, Books III and IV. Questions on the History of Philosophy—Reference to Ueberweg.

IN	FOR ORDINARY DEGREE.	FOR HONOURS.
MORAL PHILOSOPHY	The Professor's Lectures during the session in which the student examined has attended the Moral Philosophy Class; and the text-book, if any, used in the Class during that session.	Candidates for Honours will be examined on the History of Ancient and Modern Philosophy, as well as on Moral and Political Philosophy. They are required to show accurate knowledge of the following books:—(1) Plato's Republic; (2) Aristotle's Ethics; (3) Kant's Critiques of Pure and Practical Reason; (4) Green's Prolegomena to Ethics. They are also recommended to study such works as Spinoza's Ethics, Hegel, as translated and illustrated by Dr. Stirling and Mr. Wallace, Watson's Kant, Maine's Ancient Law, Green's Hume, Bradley's Ethical Studies, Spencer's Data of Ethics and Sociology, and Sidgwick's Methods of Ethics; but they will not be specially examined on these books.
ENGLISH LITERATURE	Lectures of the Professor.	
MATHEMATICS	Euclid, First Six Books. Algebra, including Quadratic Equations, Progressions, and Binomial Theorem for Positive Integers. Plane Trigonometry, as far as the Solution of Triangles by the aid of Logarithmic tables.	*Second Class.*—In addition, Euclid XI, 1 to 21; Higher Algebra; Plane Trigonometry; Analytical and Geometrical Conics, and Differential and Integral Calculus so far as treated in the Senior Mathematical Class. *First Class.*—In addition, Spherical Trigonometry, Solid Geometry, Differential and Integral Calculus, Differential Equations, and Finite Differences.
NATURAL PHILOSOPHY	Examination on the Subjects explained in the Class, including Astronomy. On the Elements of Statics and Dynamics, with the solution of problems not requiring the Differential or Integral Calculus; Experimental Science, including Sound, Light, Heat, Electricity, and Magnetism.	*Second Class.*—Thomson and Tait's Elementary Treatise on Natural Philosophy; Maxwell or Balfour Stewart on Heat; Donkin on Sound; Central Forces. The subject of special course on Mathematical Physics for session of attendance. Portions of Thomson's Electrical Papers to be professed. *First Class.*—In addition, Portions of Thomson and Tait's Natural Philosophy (large work) to be professed; also, either Fourier's Théorie Analytique de la Chaleur, or the Mathematical theory of one of the following subjects, Electricity, Magnetism, Light, Sound, Elasticity of Solids. For undulatory Theory of Light, Jamin, Cours de Phys., Vol. III, Part II, and Airy recommended.

IN	FOR ORDINARY DEGREE.	FOR HONOURS.
BOTANY		Morphology, Physiology, and Taxonomy.
CHEMISTRY		General Principles. Physical Chemistry. Text-Books recommended—Miller's Elements, 3 vols.; Roscoe and Schorlemmer's Treatise; Schorlemmer's Carbon Compounds; Armstrong's Organic Chemistry.
GEOLOGY		Green's Geology, vol. I., with Lyell's Student's Manual; Dana's Manual of Geology; Young's Physical Geography.
ZOOLOGY		Huxley's Manuals of the Invertebrata and Vertebrata. Macalister's Animal Morphology. Mivart's Comparative Anatomy.

N.B.—Candidates may be examined in the last four subjects by the aid of Specimens.

UNIVERSITY OF GLASGOW.

TABLE OF EXAMINATIONS IN THE SUBJECTS FOR THE DEGREE OF M.A., AND IN THE ARTS SUBJECTS FOR THE DEGREES OF B.L. AND B.Sc., AND FOR THE CERTIFICATE OF L.A., TO BE HELD DURING SESSION 1887-8.

Department.	Names to be given in and Fees paid to Assistant-Clerk (Matriculation Office). Date.	Fee.	Subjects of Examination.	Dates of Written Examinations and Hours at which the different papers will be set.	
				October-November, 1887.	April, 1888.
CLASSICAL	1st Oct. or 10th March	£1 1s.†	Latin and Greek,	Saturday, 29th October, at 3 p.m.*	Saturday, 14th April, at 3 p.m.*
				Monday, 31st October, 10-12, 1-3, and 4-6 p.m.	Monday, 16th April, 10-12, 1-3, and 4-6 p.m.
				Tuesday, 1st November, 10-12 and 1-3 p.m.	Tuesday, 17th April, 10-12 and 1-3 p.m.
				Thursday, 3rd November, and following days at 11 a.m. (Orals).	Thursday, 19th April, and following days at 11 a.m. (Orals).
PHILOSOPHICAL	Do. do.	£1 1s.†	English Literature,	Saturday, 29th October, at 10 a.m.	Saturday, 14th April, at 10 a.m.
			Logic, - - -	Wednesday, 2nd Nov., at 10 a.m.	Wednesday, 18th April, at 10 a.m.
			Moral Philosophy, -	Thursday, 3rd November, at 10 a.m.	Thursday, 19th April, at 10 a.m.
MATHEMATICAL	Do. Do.	£1 1s.†	Mathematics, - -	Friday, 4th November, 11-2 and 3-6 p.m.	Friday, 20th April, 11-2 and 3-6 p.m.
			Natural Philosophy,	Saturday, 5th November, 10-1 and 2-5 p.m.	Saturday, 21st April, 10-1 and 2-5 p.m.

* Honours paper only.

† A Candidate for B.L. or B.Sc. pays a fee of £1 1s. each session in which he is examined, until he has paid £3 3s. in all.

Certificate of Literate in Arts.

In 1880 the University Court, after communication with the Senate and the General Council, and with the sanction of the Chancellor, instituted a certificate conferring the title of "Literate in Arts."

The following are the regulations for granting this certificate :—

1. The Certificate of Literate in Arts is open to all persons who have been public students in the Faculty of Arts for not less than two Sessions, and who during that time have given attendance at not less than five of the classes included in the course of study for the M.A. Degree.

2. No student is permitted, with a view to the Certificate of Literate in Arts, to reckon attendance on more than two of the classes included in any one of the three departments of the Arts course, *i.e.*, Classical Literature, Mental Philosophy, and Mathematics.

3. The examination for the Certificate may be taken at one, two, or three periods, at the option of the candidate, and either in April or in October ; but in no case can the examinations included in any one department be separated from each other. Candidates presenting more than one subject included in one department must pass in *both* at the same time.

4. The examinations and standard of proficiency required for the said certificate are, in respect of the classes attended, the same as those demanded in the subjects belonging to the same classes for the M.A. Degree : and the examination papers will be the same as those set in the corresponding subjects for that Degree.

5. When all the subjects are taken at one examination the fee is £2 2s. ; when the examination is divided, the fee is £1 1s. for the examination in the department first taken, and £1 1s. for that taken next ; but no fee paid with a view to the said Certificate shall be accepted as *pro tanto* payment towards the fee exigible for the M.A. Degree.

6. Not less than three of the five classes constituting the attendance required for the Certificate, and in all cases the last year of the course must have been taken in the University of Glasgow. All the examinations must be passed in this University.

7. The Certificate of Literate in Arts is not open to students whose qualifications for the Certificate are entirely of a date anterior to April, 1880.

The subjects of Examination for the Certificate of Literate in Arts are as follows :—

A. DEPARTMENT OF CLASSICS.

Latin, for November, 1887, *and April*, 1888.

Virgil, *Æneid*, Book IX.
Horace, *Odes*, Book III.

Juvenal, *Satires*, I., III., XIII., XIV., XV.
Tacitus, *Annals*, Book I.
Any one of the following:—
- (*a*) Cicero, any oration or orations of not less than 40 chapters;
- (*b*) Cicero's *Epistles*, any 40 consecutive pages (Muirhead's Selection);
- (*c*) Any Book of Livy.

A piece of unseen translation will be added.
Roman History, up to B.C. 264 (*Students' History of Rome*, Books I., II., III.).
Proficiency in Latin Prose Composition and in Grammar is required. A knowledge of the matter of the Books read is essential.

Latin, for November, 1888, *and April*, 1889.

Virgil, *Æneid*, Book X.
Horace, *Odes*, Books II., IV.
Juvenal, *Satires*, I., III., XIII., XIV., XV.
Tacitus, *Annals*, Book II.
Any one of the following:—
- (*a*) Cicero, any oration or orations of not less than 40 chapters;
- (*b*) Cicero's *Epistles*, any 40 consecutive pages (Muirhead's Selection);
- (*c*) Any Book of Livy.

A piece of unseen translation will be added.
Roman Antiquities and *Roman History* from B.C. 263 to B.C. 130 (*Students' History of Rome*, Books IV., V.).
Proficiency in Latin Prose Composition and in Grammar is required. A knowledge of the matter of the Books read is essential.

Greek, for November, 1887, *and April*, 1888.

Homer, *Iliad* or *Odyssey*, any continuous portion of not less than 750 lines.
Sophocles, *Oedipus Coloneus* (from v. 254), or *Antigone*.
Herodotus, Book VIII. from ch. 74.
Plato, *Euthyphro*.
Questions on Greek Grammar, Literature, History, and Antiquities.

Greek, for November, 1888, *and April*, 1889.

Homer, *Iliad* or *Odyssey*, any continuous portion of not less than 750 lines.
Sophocles, *Oedipus Coloneus* (from v. 254), or *Antigone*, or *Philoctetes*.
Herodotus, Book IX. to ch. 65.
Plato, *Crito*.
Questions on Greek Grammar, Literature, History, and Antiquities.
The questions on History will be on Dr. W. Smith's *Students' History of Greece*, ch. XXII.-XXXIII. inclusive (478-404 B.C.).
A simple passage of unseen translation may be set.

B. DEPARTMENT OF MENTAL PHILOSOPHY.

Logic.

The Professor's Lectures, and *Institutes of Logic*, except chapters V., XIII., XIV., XX., XXV. (Large Print only).

Moral Philosophy.

The Professor's Lectures during the session in which the student examined has attended the Moral Philosophy Class; and the text-book, if any, used in the Class during that session.

English Literature.

Lectures of the Professor.

C. Department of Mathematics.

Mathematics.

Euclid, First Six Books.

Algebra, including Quadratic Equations, Progressions, and Binomial Theorem for Positive Integers.

Plain Trigonometry, as far as the Solution of Triangles by the aid of Logarithmic Tables.

Natural Philosophy.

Examination on the Subjects explained in the Class, including Astronomy. On the Elements of Statics and Dynamics, with the solution of problems not requiring the Differential or Integral Calculus; Experimental Science, including Sound, Light, Heat, Electricity, and Magnetism.

Names of Candidates to be given in to the Assistant Clerk (Matriculation Office) on 1st October, 1887, or 10th March, 1888.*

2.—GRADUATION IN SCIENCE.

Bachelor of Science.

The Senate, with the approval of the University Court, have instituted the Degree of Bachelor of Science, with three alternative courses of study.

The following regulations apply to all students who began their course in 1885 or thereafter.†

1. The courses of study are as follows :—
   A. In Biological Science—
      1. Natural Philosophy.
      2. Chemistry.
      3. Anatomy.
      4. Botany.
      5. Zoology.
      6. Physiology.
   B. In Physical Science—
      1. Mathematics.
      2. Natural Philosophy.
      3. Chemistry.
      4. Astronomy.
      5. Geology.
      6. Botany.
      7. Zoology.

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* When Names are not given in and Fees are not paid on or before the stated dates, a late Entry Fee of Ten Shillings must be paid before the Candidate can be admitted to examination. A Candidate is not held to be entered for the examination until his Name is entered, the Fee paid, and all the necessary Certificates, etc., lodged.

† Students who began their course in 1884 have it in their option to qualify for the Degree of B.Sc. under either the old or the new regulations.

C. IN ENGINEERING SCIENCE—
1. Mathematics.
2. Natural Philosophy.
3. Chemistry.
4. Geology.
5. Geodesy.
6. Civil Engineering.
7. Naval Architecture.

2. Candidates for a Degree of B.Sc. shall pass a Preliminary Examination in—
1. English.
2. Arithmetic, including Vulgar and Decimal Fractions and Proportion.
3. Elementary Mathematics—
   a. Algebra, including Simple Equations.
   b. Euclid, Books I., II., III.
4, 5. Any two of the following:—French, German, Latin, Greek.

The Examination in subjects 4 and 5 may be taken at the beginning of the second year, but attendance on Classes will not count towards the Degree until the Candidates shall have passed in subjects 1, 2, and 3. Candidates having the Degree of M.A. are exempted from this examination.

The Preliminary Examination takes place in October, along with the Examination in General Education for Medical Students (see pp. 128-130). The Text-Books prescribed in the several subjects and the Examination Papers are the same in both Examinations. The Examination in 1887 will be held on Wednesday, 5th October, and the three following days. Names to be given in to the Assistant Clerk (Matriculation Office) or or before 22nd September.

3. The following is the Curriculum in each department of the B.Sc. Degree, and must be adhered to, except in cases in which deviation may be permitted by the Senate:—

A. IN BIOLOGICAL SCIENCE—
First Winter—Natural Philosophy, Chemistry.
First Summer—Chemical Laboratory, Anatomy.
First Examination (October)—Natural Philosophy, Chemistry.
Second Winter—Anatomy and Practical Anatomy, Zoology, Zoological Laboratory.
Second Summer—Botany, Botanical Laboratory, Organic Chemistry, Practical Physiology.
Second Examination (October)—Anatomy, Zoology, Botany.
Third Winter—Physiology, Laboratory work in Anatomy, Botany, Zoology, Physiology, or Chemistry.

Third Examination (April)—Physiology.

Third Summer—Laboratory work in any of the above-mentioned departments.

Final Examination (October)—Anatomy, or *Botany*, or *Zoology*, or *Physiology*.

B. In Physical Science—

First Winter—Mathematics (Upper Junior), Natural Philosophy, Chemistry.

Second Winter—I. and II. Chemistry with Laboratory,* Natural Philosophy with Laboratory,* Higher Mathematics. III. Geology and Mineralogy, Astronomy.

First Examination (April)—Mathematics, Natural Philosophy, Chemistry.

Second Summer—III. Botany, Zoological Laboratory.

Third Winter—I. Chemistry and Chemical Laboratory. II. Mathematics, Physical Laboratory, Astronomy. III. Civil Engineering and Junior Office and Field Work.

Second Examination (April)—III. Botany, Zoology.

Third Examination (October)—I. Chemistry, or *II. Mathematics and Natural Philosophy*, or *III. Geology, Mineralogy, and Astronomy.*

C. In Engineering Science—

Two alternative courses to be:—(*a*) Side of Civil Engineering and Mechanics; (*b*) Side of Naval Architecture and Marine Engineering.

(*a*) Side of Civil Engineering and Mechanics.

Ordinary Programme.

First Winter—Mathematics; Inorganic Chemistry (Lectures or Laboratory); Junior Drawing.

Second Winter—Mathematics; Natural Philosophy; Junior Civil Engineering; Senior Drawing.

Third Winter—Natural Philosophy (if further attendance required); Senior Civil Engineering and Mechanics; Senior Mathematics (if not previously attended); Geology or Naval Architecture.†

Fourth Winter—Physical or Chemical Laboratory Geodesy or Naval Architecture.†

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* The Chemical or the Physical Laboratory may be taken in the second winter or in the preceding summer.

† But the class of Naval Architecture is to be optional with only one of the two classes of Geology and Geodesy, so that one at least of these two is required to be taken.

‡ Either Laboratory may be taken in the summer instead.

(b) SIDE OF NAVAL ARCHITECTURE AND MARINE ENGINEERING.

Ordinary Programme.

First Winter—Mathematics; Junior Drawing; Inorganic Chemistry (Lectures or Laboratory).

Second Winter—Mathematics; Natural Philosophy; Junior Naval Architecture; Senior Drawing.

Third Winter—Mathematics—Senior (if not previously attended); Natural Philosophy (if further attendance required); Naval Architecture and Marine Engineering; Civil Engineering and Mechanics.

Fourth Winter—Physical or Chemical Laboratory (or else either Laboratory may be taken in the summer instead); Naval Architecture and Marine Engineering; Ship Design.

4. No candidate shall be admitted to examination in any subject who has not attended a course of instruction in that subject within a University. The last two sessions must be constituted by attendance in this University, unless in special cases, to be determined by the Senate.

5. The successful candidates at the Examinations preceding the Final shall not receive special certificates, but a certified list shall be published in the Quadrangles, and recorded in a book kept for this purpose by the Assistant Clerk (Matriculation Office). Both lists shall be signed by the Examiners.

6. In the Department of Engineering Science, candidates may present themselves for examination in any one or more of the subjects as soon as they have attended the requisite classes.

7. The Fee for the Degree of B.Sc. shall be £3 3s., to be paid in three instalments, £1 1s. before each Examination; in the Biological Department before the 1st, 2nd, and Final; in the Engineering Department, £1 1s. in each session in which the candidate is examined, till £3 3s. shall have been paid.

The Examinations for the Degree of Bachelor of Science are held in April and October (in 1887-8 commencing October 10th and April 6th). The Engineering Examinations for B.Sc. commence on or after 23rd March. Applications for examination must be lodged with the Assistant Clerk (Matriculation Office), on 1st October, 1887, and 10th March, 1888, respectively.*

Students who began their course previous to 1885 may qualify themselves for the Degree of B.Sc. under the old regulations, which are as follows:—

1. The courses of study in the several departments are:—

A. IN BIOLOGICAL SCIENCE.—Any four of these five—1, Chemistry; 2, Anatomy; 3, Physiology; 4, Zoology (including Comparative Anatomy); 5, Botany. And four of the classes in the Arts Curriculum.*

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* When names are not given in and Fees are not paid on or before the stated dates, a late entry Fee of Ten Shillings must be paid before the Candidate can be admitted to examination. A candidate is not held to be entered for the examination until his name is entered, the Fee paid, and all the necessary certificates, etc., lodged.

B. In Geological Science.—1, Geology; 2, Chemistry; 3, Zoology (including Comparative Anatomy); 4, Natural Philosophy. And any four of the classes in the Arts Curriculum: provided always that, in the event of a student taking Geodesy in conjunction with any University class of not less than twenty-five lectures, he shall be allowed to dispense with one of the Arts classes.

C. In Engineering Science.—1, Mathematics (1 or 2 sessions, according to proficiency displayed); 2, Natural Philosophy (1 or 2 sessions, according to proficiency displayed); 3, Inorganic Chemistry (1); 4, Geology (1); 5, Civil Engineering (2). And any two of the classes in the Arts Curriculum except Mathematics and Natural Philosophy: provided always that in the event of a student taking Geodesy in conjunction with the Practical course in Civil Engineering, or any other University class of not less than twenty-five lectures, he shall be allowed to dispense with one of the Arts classes.

2. The examinations in those subjects which are taken from the Curriculum of Arts shall be the same, and subject to the same regulations, as the examination in those subjects for the Degree of M.A.

3. No student shall present himself for examination in any subject without having attended a class on that subject in a University; but students may present themselves for examination in any one or more of the subjects so soon as they have attended the requisite classes. No student shall be admitted to a Degree in Science, unless he shall have given attendance in this University during the last two sessions of his course, or unless he has attended the half at least of his course in this University.

4. No special certificate shall be given to students who have passed examinations in subjects for the Degree in Science, but a certified list of successful candidates shall be published after each examination, and shall be copied into a book kept for the purpose by the Assistant Clerk (Matriculation Office). Both copies of the lists shall be signed by the examiners.

5. The fee for the Degree in Science shall be £3 3s., it being provided that if any candidate shall present himself for examination in the different subjects at different periods, he shall pay £1 1s. in each session in which he is examined, till he has paid £3 3s.

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* *i.e.*, Attendance for the session on any four of the following seven classes—viz., Latin, Greek, Logic, Moral Philosophy, English Literature, Mathematics, Natural Philosophy.

6. Students who commenced their course for a certificate in Engineering Science before session 1871-72, may be granted a Degree on examination in all the appointed subjects without attendance on any class but those requisite for the Certificate in Engineering Science.

7. Examinations for the Degree of M.A. are available for the Degree of B.Sc. on the candidate paying the fees for examination for that degree, over and above any fees he may have paid as a candidate for the Degree of M.A.

8. Honours in the subjects taken from the Faculty of Arts shall be given to graduates in Science only on the same curriculum and examination as to graduates in Arts.

A. In session 1887-88 the subjects of examination in the department of Biological Science shall be as follows :—

In Chemistry.—General Principles of Organic Chemistry, classification of organic substances, and Chemistry of Blood, Bile, and Urine.

In Anatomy.—Descriptive Anatomy and Histology.

In Physiology.—A general knowledge of the subject as treated, *e.g.*, in M'Kendrick's Outlines of Physiology; and special knowledge of some part of the subject to be announced from time to time in the Calendar. The special subject for next year to be the Functions of the Nervous System and of the Senses. Candidates will also be subjected to a practical examination, in the Laboratory, on Histology, the Chemistry of Physiological processes, and the use of Physiological apparatus.

In Zoology and Comparative Anatomy.—A general knowledge of the principles of Zoological Classification, with a more detailed knowledge of certain parts of the subject to be announced from time to time. The special subjects for next year to be—the comparative Anatomy of the Digestive System; the Coelenterata, Sponges, Polyzoa, Reptilia. The examination will be in part practical.

In Botany.—Morphology, Physiology, and Systematic Botany; the last restricted to the general principles of classification, and to groups represented in Britain. Candidates are expected to have a practical knowledge of the subject and to show themselves acquainted with the methods of botanical research.

Sach's Text-book of Botany may be taken as a standard textbook. For the Taxonomy of Angiospermous Flowering Plants the system followed in Britain as laid down in most English text-books, *e.g.*, in Henfrey's Elementary Course of Botany (Masters' edition) is preferred.

B. The subjects of examination in the department of Geological Science shall be as follows :—

In Geology.—Lithology and Stratigraphy; Palæontology, and the conditions on which the climatal changes depend. As special subjects for next year—The features of the earth's surface and their origin; the composition and origin of Coal and Ironstone; Marine Currents; the phenomena of the Triassic and Glacial Epochs; Secular Changes of Climate. For textbooks, see p. 112.

In Chemistry.—The general principles of the Science, including the preparation, properties, and chief compounds of the common non-metallic and metallic elements; and in special the Chemistry of Rock formations, and Mineralogy.

In Zoology.—Principles of Classification, and a more detailed knowledge of certain parts of the subject, to be announced from time to time. The special subjects for next year to be—Climatal influence on the distribution of Animals; the anatomy and physiology of *Amphibia* and *Insecta.*

Candidates will be examined in these three subjects by the aid of specimens.

In Natural Philosophy.—Students will be required to show proficiency equal to that which is required for the degree of M.A. The Departmental Certificate in Mathematics for the degree of M.A. frees the candidate from this part of the examination, but he must pay the additional fee.

C. The subjects in the department of Engineering Science shall be as follows:—

In Mathematics.—The Subjects of Examination for Second Class Honours for the Degree in Arts.

In Natural Philosophy.—Thomson and Tait's Elementary Treatise on Natural Philosophy; portions of Maxwell or Balfour Stewart on Heat; Central Forces. Candidates may profess higher subjects.

In Chemistry.—The general principles of the Science, including the preparation, properties, and chief compounds of the common non-metallic and metallic elements, and in special the metallurgy of Iron, Copper, Lead, Tin, and Zinc; the Chemistry of building materials, and of water and atmospheric air.

In Geology.—Lithology, Stratigraphy; Coal Mining and Geological Surveying. Besides the text-books mentioned at p. 112, Smyth's Coal Mining; Spon's Well-boring and Sinking.

In Civil Engineering—The subjects mentioned in the Calendar at pp. 56 and 57, for the two courses of the Professor of Engineering.

In Geodesy.—Theory of Geodesical Instruments; Methods of determining Local Time; Longitudes, Latitudes, and Azimuths: Measurement of Base Lines; Principles of Triangulation; Measurement of the Arcs of the Meridian.

The Engineering Examinations for the Degree of B.Sc. in Engineering Science may commence on or after the 23rd March in each year.

The examination in the subjects for the Degree of B.Sc. admitting of it shall be both practical and oral as well as in writing.

Certificate of Proficiency in Engineering Science.

Certificates of Proficiency in Engineering Science will be granted to students who shall have gone through the following course of study, practical work, and examinations, to the satisfaction of the Board of Examiners :—

Ordinary Course for the Certificate of Proficiency in Engineering Science.

FIRST YEAR—	
Inorganic Chemistry, 5 days weekly, - - -	10 A.M.
(*Chemical Laboratory may be taken in this or any other year, Winter or Summer Session, if selected as part of the course. See below :—Third Year.*)	
Mathematics,* Lower or Upper Junior, 5 days weekly,	9 A.M. or 12 noon.
Junior Class of Office and Field Work in Engineering, Mondays and Wednesdays, - - -	1 till 3 P.M.
Geology and Mineralogy, Monday, Wednesday, and Friday, - - - - - - - -	5 P.M.
SECOND YEAR—	
Natural Philosophy, 5 days weekly, - -	9 A.M.
Natural Philosophy, Also recommended, if practicable, Tues. and Thur., -	11 A.M.
Mathematics, Senior or Upper Junior, 5 days weekly, - - - - -	10 A.M. or 9 A.M. or 12 noon.
Civil Engineering and Mechanics, Junior, Monday, Wednesday, and Friday, - - -	11 A.M.
Senior Class of Office and Field Work, Tuesday and Thursday, - - - - - - -	1 till 3 P.M.
THIRD YEAR—	
Natural Philosophy, 5 days weekly, - -	9 A.M.
Natural Philosophy, and Tues. and Thur., -	11 A.M.
Senior Mathematics, if not previously attended, 5 days weekly, - - - - - - - -	10 A.M.
Physical Laboratory, about 2 hours on 3 days weekly, or Chemical Laboratory, 5 days weekly ; or the Chemical Laboratory can be attended in any year in summer instead.	
Civil Engineering and Mechanics, Senior, 5 days weekly, - - - - - - - - -	4 P.M.

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[*] Students who, on entering the University, show themselves qualified to enter the Senior Mathematical Class, by passing the mathematical part of the Preliminary Examination in Arts (See Preliminary Examinations in Arts) are not required to attend the Lower or the Upper Junior Class of Mathematics.

The Examinations by the Professor of Engineering for decisions in April may be commenced on or after the 10th of March. Examinations in drawing will be held in November. No candidate is admitted to the special Examination for the Certificate, in any department, till he has attended the prescribed course of study in that department.

Attendance on the classes of Mathematics, Natural Philosophy, Chemistry, and Geology, in any Chartered University in the United Kingdom having the power of granting degrees, is admitted as part of the course for the above-mentioned certificate; but all examinations for the certificate must be passed in this University.

Candidates for Certificates of proficiency in Engineering Science, who are graduates in Arts of any Chartered University of the United Kingdom, are exempted from study and examination in Mathematics and Natural Philosophy.

The Fee for the Certificate in Engineering Science is One Guinea.

HIGHER DEGREES IN SCIENCE, LETTERS, AND PHILOSOPHY.

The Senate having had under consideration proposals for the Degrees of Doctor in Science (D.Sc.), Doctor in Letters (D.Litt.), and Doctor in Philosophy (D.Phil.), are of opinion that these Higher Degrees should be instituted in the University. It is not clear, however, that the University itself has power to institute those Degrees; the sanction of the Privy Council is required, if not for the Degree of Doctor in Science, at least for those in Letters and Philosophy. The Senate have had negotiations with the University of Edinburgh regarding this matter, and are glad to be able to say that the two Universities are in substantial agreement on this subject, and also as to the conditions on which the different degrees should be conferred. The Senate trust that they may be in a position at an early period to apply, in conjunction with the University of Edinburgh, to the Privy Council for legal sanction for those Degrees—or, in the event of University legislation taking place in the present session of Parliament, to bring the matter before the Universities Commissioners who may be appointed under the Act, with a view to a final determination. Meanwhile the Senate are desirous of stating the conditions on which they have resolved that the Higher Degrees should be conferred, in order that candidates who are looking forward to them may be aware of the terms on which they will be granted. These conditions are as follows:—

(1) That the degree of D.Litt. and D. Phil. should be open to those who have graduated with first or second class honours in Classics or Philosophy respectively; and to those who at a period subsequent to their taking the M.A. degree have passed an examination equivalent to the examination for honours. (This last provision is intro-

duced to meet the case of those who have been prevented by ill-health, or other causes, from taking honours at the proper time.)

(2) That the degree of D.Sc. should be open to those who have graduated with first or second class honours in Mathematics or who, at a period subsequent to their taking the M.A. degree, have passed an examination equivalent to the examination for honours.

(3) That an Examination in Science, similar to the Honours Examination in Arts, should be instituted, and that the degree of D.Sc. should be open to those who in this examination have reached a standard of proficiency corresponding to that indicated by the first or second class honours in Arts.

(4) That the degrees of D.Litt., D.Phil., and D.Sc., should be open to graduates with honours five years after the date of graduation as M.A. and B.Sc. respectively, and in the case of ordinary graduates the date of passing an examination equivalent to the examination for honours.

(5) That every candidate for the degrees of D.Litt., D.Phil., or D.Sc. should be required to state what line of study or investigation he has followed since taking the degree of M.A. or B.Sc., and to submit a thesis upon a subject approved by the Senate, and, in addition, to undergo an examination in some special branch of his department of Arts or Science ; and that in such thesis and examination he should be expected to give proof of special study or original research, and that the claims of each candidate should be specially reported on by two Professors or other qualified persons before the degree is conferred.

(6) That in special cases, when the candidate is able to refer to a book or other publication in which he has made important contributions to the knowledge of his subject, the Senate should, if they see fit, dispense with the test of examination ; but that in all such cases a special Committee should be appointed to report on the claims of the candidates, and the Senate should confer the degree only on the recommendation of such Committee.

(7) That in addition to the examinations in Science and Arts, examinations should be instituted in English Language and Literature, in Oriental Languages, and in any other subjects which may in future be embraced in any department of the B.Sc. or M.A. degrees ; and that candidates who have taken the M.A. degree, and who in such examinations have attained a standard of proficiency corresponding to that of first or second class honours in Arts, should be entitled to become candidates for the degree of D.Litt., by thesis and examination, on the same terms with those who have passed with honours in Arts.

The above rules sufficiently indicate the general plan of the Examinations for the Higher Degrees; but by way of showing more exactly their nature, the following subjects may be suggested :—

FOR THE DEGREE OF D.LITT. IN CLASSICS.

A candidate for the degree of Doctor of Letters, who founds his claim on attainments in Classical Scholarship, will be required to send in a thesis, embodying the results of original work in some one of the following departments:—

1. Ancient Philosophy.
2. History.
3. Archæology.
4. Language.

The Classical Examination for the degree of Doctor of Letters shall include:—

1. Passages for translation, selected from the best Greek and Latin authors. No authors shall be specially set for a given occasion, but the examiners shall be free to choose the passages from the whole range of the Classical Literatures.

2. Passages for translation from English into Greek and Latin Prose.

Passages for translation from English into Greek and Latin Verse. But a candidate who does not take up Verse Composition shall have some other exercise appointed for him; viz., an Essay, or such other alternative as the examiners may approve.

3. Questions on Greek Grammar and Criticism. Questions on Latin Grammar and Latin Criticism.

4. Questions on Greek History (including the History of Literature) and Greek Antiquities. Questions on Roman History (including the History of Literature) and Roman Antiquities.

FOR THE DEGREE OF D.LITT. IN ORIENTAL LANGUAGES.

Semitic Branch.

Subjects proposed for examination in Semitic Philology:—

1. *Hebrew.*—The Books of Isaiah and Psalms. Translation into Hebrew.

2. *Syriac.*—The Gospels and the Acts of the Apostles in the Peshîtâ Version. Translation into Syriac.

3. *Arabic.*—The three first Suras of the Koran. The book of Proverbs in Van Dych's version of the Bible. Translation into Arabic.

FOR THE DEGREE OF D.PHIL. IN PHILOSOPHY.

1. The Philosophy of Aristotle. The candidate should be expected to show direct acquaintance with the Philosophical works of Aristotle; and with the views of the most important of the modern critics of his philosophy.

2. Mediæval Philosophy; its origin, development, and influence on modern thought, philosophical and theological.

3. The relation of Logic and Metaphysics—with special reference to the Organon and Metaphysics of Aristotle and modern systems of

Logic, including the Logic of Hegel. Candidates should be expected to show thorough acquaintance with the discussions upon the nature of knowledge by modern authors.

4. Modern Psychology. Candidates should be expected to show acquaintance with the whole development of Psychology from the time of Kant; and to have studied the discussions on Psychophysics which have taken place up to the present time.

5. Modern Ethics—with special reference to the application of the idea of Development to Ethics. Candidates should be expected to show a thorough knowledge of the discussions of this subject up to the present time.

6. Philosophy in Britain from Locke to the present time.

For the Degree of D.Sc. in Mathematics and Physics.

(*a*) Mathematics.

The qualifications for the degree in pure Mathematics will be as follows:—

All candidates will be expected to show a competent knowledge of

Geometry, Plane and Solid.
Trigonometry.
Differential Calculus.

In addition, candidates will be expected to show high attainments in one or other of the two following departments:—

1. Geometry, including Modern Geometry, Spherical Trigonometry, and the Theory of Curves.
2. Analysis, including Higher Algebra, with Determinants, Integral Calculus, and Differential Equations, and Fourier's Harmonic Analysis.

(*b*) Natural Philosophy.

Good knowledge of Elementary Dynamics and Physics.

Principles of Electric and Magnetic Measurement; and familiarity with the chief practical methods.

Some of the higher subjects in Mathematical Dynamics, of Solids and Fluids; and of Mathematical Physics, such as Fourier's Theory of Heat, or the Undulatory Theory of Light.

4.—GRADUATION IN MEDICINE.

Three Medical Degrees are conferred by this University, viz.: —Bachelor of Medicine (M.B.); Master in Surgery (C.M.); and Doctor of Medicine (M.D.); all of which are recognized by the Medical Act as qualifying for practice throughout the British dominions, and for admission to the Army, Navy, and Public Medical Service.

The Degrees of Bachelor of Medicine and Master in Surgery may be obtained by Candidates of the age of 21 years who have complied with the regulations as to Education and Examination. The Degree of Master in Surgery must be taken along with the Degree of Bachelor of Medicine. The Degree of Doctor of Medicine may be conferred on Candidates of not less than 24 years of age who have obtained the Bachelorship two or more years previously, and have fulfilled certain conditions which are detailed at page 134.

Persons who began their professional studies prior to 1st October, 1861, will, on becoming Candidates for Graduation, be examined in accordance with the regulations in force at the time of the commencement of their Medical studies.

The following rules and directions apply to the Degrees of Bachelor of Medicine and Master in Surgery :—

A.—EXAMINATION OF MEDICAL STUDENTS IN GENERAL EDUCATION AND REGISTRATION BY THE MEDICAL COUNCIL.

The Candidate for the Degrees of Bachelor of Medicine and Master in Surgery must have been registered in the books of the General Medical Council at least four years prior to the date of his graduation. In order to be so registered he must transmit to James Robertson, Esq., the Scottish Branch Registrar, 4 Lindsay Place (George IV. Bridge), Edinburgh, together with a printed form of application which may be obtained from the Assistant Clerk (Matriculation Office), a certificate of having passed a satisfactory Preliminary Examination in English, Latin, Arithmetic, Euclid and Algebra, and Elements of Mechanics, along with one optional subject, viz., French, German, Greek, or Logic.

The possession of a Degree in Arts, not being an Honorary Degree, exempts from Examination in General Education, provided that it has been conferred by a British University, or by such Foreign and Colonial Universities as shall have been recognized by the General Medical Council.

The Examination in General Education may be passed either in this University or at any University or Board of which the examinations are recognized by the General Medical Council as entitling to registration.* But while a Certificate of having passed any recognized Preliminary Examination entitles to registration in the books of the General Medical Council, the University only accepts these Examinations *pro tanto*, and exacts examination in every case on such subjects required by the regulations of the University as are not embraced in the certificates presented from other Examining Boards, or which, though included therein, are not of similar extent to the same subjects as prescribed by the University. In such cases this Examination required by the University must be passed by the Candidates before admission to their First Professional Examination.

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* For a list of such Examining Boards, see p. 138.

This registration in the books of the Medical Council, which is imperative on Candidates for any legal qualification to practise whatsoever, is quite distinct from Matriculation or other registration of students in the books of the University.

The following is a more detailed notice of the subjects of the Examination in General Education referred to above :—

I. **Registration Subjects.**—The Student must pass in all the subjects of this division before Registration with the Branch Registrar of the Medical Council. The subjects may be passed at one or more Examinations. For fees and dates of this Examination see page 137—

A 1. English.—(1) Writing correctly a passage to dictation. (2) Composition of a short essay on a given theme. (3) Questions on Grammar, with analysis of sentences and the derivation and meaning of some common English words.[*]

B 2. Latin.—Virgil, *Æneid*, Book III., and Cæsar *de Bello Gallico*, Book V. Translations from the above. Translation of passages from works not prescribed, and of English passages into Latin,—the principal Latin words being supplied. Questions on Grammar and Construction.

C 3. Arithmetic.—The Common Rules, including Vulgar and Decimal Fractions.

C 4. Elements of Mathematics.
   (*a*) Algebra (including Simple Equations), and Euclid, Book I.
   (*b*) Euclid, Books II. and III.[†]

D 5. Elements of Dynamics (Mechanics).—Elementary Kinematics, Statics, Kinetics, and Hydrostatics. Text-books—Bottomley's Dynamics (Collins' Series); Blaikie's Elements of Dynamics.

6. One optional subject, viz., Greek, or French, or German, or Logic, as prescribed under II. (Optional subjects for M.B. and C.M.)

In addition to the above-mentioned Preliminary Examination, Candidates for the Degrees of Bachelor of Medicine and Master in Surgery are required to undergo, PREVIOUS TO THEIR FIRST PROfessional Examination (and, it is recommended, as far as possible previous to the commencement of professional study), an examination in a second optional subject, viz., one of the following: Greek, French, German, Higher Mathematics, Natural Philosophy, Logic, Moral Philosophy, as detailed below.

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[*] Questions on History and Geography do not now form part of the Examination in English.

[†] The subjects under (*b*) are not required for Registration ; they may be passed at the same time as those under (*a*) or at a subsequent Examination, BUT THEY MUST BE PASSED BEFORE THE FIRST PROFESSIONAL EXAMINATION.

II. Optional Subjects for M.B. and C.M.—

E 1. Greek.—*Memorabilia* of Xenophon, Book I., and the Gospel according to St. Luke. Translation of passages from works not prescribed, and of English passages into Greek—the principal Greek words being supplied. Questions on Grammar.

2. French.—Montesquieu's *Considerations sur les causes de la grandeur des Romains, et de leur decadence.* Translation and exercises as in the Latin and Greek.

3. German.—Schiller's *Wilhelm Tell.* Translation and exercises as in the other languages.

4. Higher Mathematics.—Euclid, Books I. to VI.; Algebra, including Quadratic Equations, and the Rudiments of Trigonometry.

D 5. Natural Philosophy.—Part II. of Todhunter's Natural Philosophy for Beginners, viz., Sound and Heat, omitting chapters xii. xiii. in Sound, and in Heat from sec. 732 to 746.

F 6. Logic.—Jevons' Elementary Lessons on Logic.

G 7. Moral Philosophy.—Herbert Spencer's Data of Ethics.

A certificate of having passed, at the Examinations for the Degree of M.A., or B.Sc., in English, Latin, Mathematics, Natural Philosophy, Greek, Logic, or Moral Philosophy, will be accepted instead of examination in the subjects marked A, B, C, D, E, F, G, respectively.

III. Subjects for Degree of M.D.—The Candidate for the degree of M.D., if not a graduate in Arts, must have passed an Examination in three of the subjects enumerated above in II. (optional subjects for M.B. and C.M.), of which one must be Greek, another either Logic or Moral Philosophy, and the third is left to the option of the Candidate.

B.—PROFESSIONAL EDUCATION.

I. *Duration and Constitution of the Curriculum.*—The professional curriculum is of four years' duration; the medical session of each year or *Annus Medicus* being constituted by attendance on two courses of not less than 100 Lectures each, or on one such course with two three-months' courses of not less than 50 Lectures each. But in the case of the Clinical courses it is sufficient that the lectures be given twice a week during the prescribed period. Of this curriculum, if not passed wholly at the University of Glasgow, two years must be constituted by attendance on courses at a University entitled to grant degrees in Medicine; and one of these years at least must be at the University of Glasgow. If the remaining years are not passed at a recognized University, attendance during at least six winter months on the Medical and Surgical Practice of a General Hospital which accommodates not fewer than 80 patients, with a Course of Practical Anatomy during the same period, may be reckoned one *Annus Medicus;* while another may be constituted by attendance for the requisite period on the lectures of Teachers of Medicine in the Hospital Schools of London, or in the School of the College of Surgeons, Dublin, or of such private teachers as may be recognized by the University Court with the consent of the Chancellor of the University. But attendance on lectures by such teachers is not recognized to the extent of more than four of the departments of Medical Study required for the curriculum and enumerated below.*

Candidates who avail themselves of the permission to attend the lectures of private teachers recognized for the purpose, and who are not at the time matriculated students of the University, must, at the commencement of the year of such attendance, enrol their names in a book kept by the University for that purpose, and pay a fee of one-half the amount of the matriculation fee paid by students of the University; but they are not thereby entitled to any of the privileges of matriculated students of the University. Further, those who attend the lectures of such recognized private teachers must, if the courses are held in a University town, pay to such teachers the same fees as are paid in the University of such town. (*The fees must be paid at the commencement of the course.*)

2. *Required Courses of Instruction.*—Candidates must produce certificates of having attended courses of instruction in the following departments of Medicine, in the manner specified:—

ANATOMY, CHEMISTRY, INSTITUTES OF MEDICINE or PHYSIOLOGY.

MATERIA MEDICA and PHARMACY, SURGERY, PRACTICE OF MEDICINE.

MIDWIFERY and DISEASES OF WOMEN and CHILDREN.†

Each of the above in a course of not less than 100 lectures.

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* In Provincial Medical Schools where there are no Lecturers recognized by the University Court, a Candidate can complete only one *Annus Medicus*, constituted by attendance at a General Hospital accommodating not fewer than 80 patients, along with a course of Practical Anatomy.

† Two courses of Midwifery, of fifty lectures each, are reckoned equivalent to one course of one hundred lectures, provided they embrace different departments of Obstetric Medicine.

BOTANY, ZOOLOGY (with COMPARATIVE ANATOMY), FORENSIC MEDICINE.

Each of the above in a course of not less than 50 lectures.

GENERAL PATHOLOGY, in a course of not less than 100 lectures; or in schools where there is no such course, PATHOLOGICAL ANATOMY, in a three months' course of lectures, with a supplemental course either of Practice of Medicine or of Clinical Medicine.

CLINICAL SURGERY, CLINICAL MEDICINE.

Each in a six months' course or in 2 three months' courses—Lectures being given at least twice a week.

PRACTICAL ANATOMY, during six months.

PRACTICAL CHEMISTRY, during three months.

PRACTICAL PHARMACY,* in a course of not less than 50 hours instruction in a class of Practical Materia Medica in a University, or other recognized school, or conducted by a teacher recognized by the University Court, or in Compounding and Dispensing Drugs in the Laboratory of a Hospital or Dispensary, of a Registered Medical Practitioner, or of a Member of the Pharmaceutical Society of Great Britain.

HOSPITAL PRACTICE, SURGICAL AND MEDICAL; consisting in attendance during two years at a recognized General Hospital which accommodates not fewer than eighty Patients, and possesses a distinct staff of Physicians and Surgeons.

OUT-DOOR PRACTICE, during six months, at a Hospital or Dispensary, or with a Registered Medical Practitioner.

PRACTICAL MIDWIFERY; consisting in attendance during three months, at an Obstetric Hospital, or attendance on at least six cases of labour, certified by a Registered Medical Practitioner, or by the Physician-Accoucheur of an hospital having an Obstetrical Department.

VACCINATION.—The candidate must produce a certificate from a recognized Vaccination department in an Hospital, Dispensary, or other public institution, that he has performed the operation successfully under the teacher's supervision; that he is familiar with the different stages of the vaccine vesicle, and with the mode of preserving lymph, and is generally well instructed in the subject.†

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* Students are recommended to take the class of Pharmacology and Practical Pharmacy in the summer before their attendance on the course of Materia Medica; but attendance on such a course cannot be substituted for attendance on the course of systematic Lectures on Materia Medica, which must be taken before the third Professional Examination, new regulations.

† The recognized Vaccine Departments in Glasgow are—Western Infirmary, Royal Infirmary, and Faculty of Physicians and Surgeons.

C.—PROFESSIONAL EXAMINATIONS.

By orders of Her Majesty in Council, dated 13th August, 1877, 23rd August, 1883, 27th January, 1885, and 26th March, 1885, the following are the arrangements for Professional Examinations:—

1. Every candidate for the Degrees of Bachelor of Medicine and Master in Surgery shall be examined both in writing and *viva voce*, First, on Chemistry, Botany, and Natural History; Second, on Anatomy and Physiology; Third, on Regional Anatomy, and Materia Medica and Pharmacy; and Fourth, on Surgery, Clinical Surgery, Medicine, Clinical Medicine, Pathology, Midwifery, and Medical Jurisprudence. The Examination in Chemistry shall include Practical Chemistry; and the Examinations in Anatomy and Physiology shall include Practical Anatomy, Histology, and Practical Physiology; and the Examination in Surgery shall include Operative Surgery.
2. Students may appear for examination in the first of the foregoing divisions of subjects who have completed their attendance on the required courses during one winter and one summer session: provided always that students shall not be admitted to such examination at an earlier date than the period of examination immediately preceding their second winter session of professional study; and that students who commenced their medical studies in the summer session shall not be admitted to a degree in medicine unless their course of study, subsequent to the completion of the summer session in which they commenced their medical studies, shall not be less than the minimum course of four years prescribed by this Ordinance.
3. Students who have passed the first examination may appear for examination in the second division of subjects, after having completed their attendance on the requisite courses (including those of the subjects of examination) after the lapse of two winter and three summer sessions from the time of the commencement of their studies; provided always that students who have commenced their medical studies with a winter session may appear for examination in the second division of subjects after the lapse of two winter and two summer sessions from the time of the commencement of their studies.
4. Students who have passed the two previous examinations may appear for examination in the third division of subjects at any of the terms fixed for examination by the Senate, after the conclusion of the third winter session of attendance upon Medical Classes (including those of the required subjects).

5. Students who have passed the examinations in the subjects of the three previous divisions may appear for examination in the subjects of the fourth division at the first term for the final examination after the conclusion of their Curriculum of study.

In addition, the following regulations will be observed :—

1. The examinations will be conducted by written papers and by oral examinations. A practical knowledge of the subject is also required.
2. Candidates must produce certificates of satisfactory attendance on the courses belonging to each division before presenting themselves for these examinations, and no candidate is allowed to present himself for the Second, Third, or Fourth examination without having passed the immediately preceding examination.
3. Previous to appearing for the final examination the candidate must produce a certificate that he is 21 years of age, or will be so on or before the day of his graduation.
4. At the professional examinations, candidates will as far as possible be examined orally in the alphabetical order of their surnames.
5. Candidates who shall, on examination, be found unqualified, cannot be again admitted to examination until they shall have completed another year of study, or such portion of a year as may be fixed by the examiners.

The examinations are conducted by the Professors of the Faculty of Medicine, together with the other Examiners appointed by the University Court.

For Table of Fees and dates of examinations see page 137.

D.—DEGREE OF DOCTOR OF MEDICINE.

The Degree of Doctor of Medicine may be conferred on any candidate who shall produce evidence : *a*, that he is of not less than 24 years of age ; *b*, that he has obtained the Bachelorship two or more years previously ; *c*, that he possesses a Degree in Arts, or has passed an examination in Greek, and Logic or Moral Philosophy, together with any one of the other optional subjects included in the Second Part of the subjects of General Education ; *d*, that he has been engaged in professional study or avocation for two years after having obtained the Bachelorship. He must also lodge an Inaugural Dissertation, certified by him to have been composed by himself, on any subject included in the branches of knowledge embraced in the professional curriculum.* Theses for the degree of M.D. must be lodged with the Assistant Clerk (Matriculation Office), on or before 20th March, 20th June, or 20th October. No Thesis will be approved unless it gives evidence of original observation, or, if it deal with the researches of others, gives a full statement of the literature of the question, with accurate references and critical investigation of the views or facts cited: mere compilations will in no case be accepted. The fees for the Degree of M.D. amount to £15 8s. (including the sum of £10 for Government stamp).

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* Candidates are requested to have their Theses bound before sending them in.

E.—REGULATIONS FOR OBTAINING A QUALIFICATION IN PUBLIC HEALTH.

A special Examination will be held once in every year in subjects relating to Public Health, and will commence on the third Tuesday in October. All candidates for this qualification must be Registered Medical Practitioners.

Candidates must produce evidence that, either during their Medical studies or subsequently, they have attended a Course of Lectures in which special instruction was given on Public Health, and that they have attended a Course of Analytical Chemistry specially bearing upon the subjects of examination. Candidates who have not passed an *Annus Medicus* in the University of Glasgow must, before presenting themselves for examination, have attended as Matriculated Students in this University at least two Courses of instruction, scientific or professional, bearing on the subjects of the examination. The examinations shall be written, oral, and practical.

The fee for this examination shall be Five Guineas. No candidate shall be admitted to examination unless he shall have given notice of his intention to the Assistant Clerk (Matriculation Office), and paid the required fee, at least One Calendar Month previous to the examination.

If, after payment of the fee, a candidate withdraw his name, or fail to present himself at the examination, or fail to pass it, the fee shall not be returned to him, but he shall be allowed to enter for *one* subsequent examination in subjects relating to Public Health without the payment of an additional fee.

The examination for the qualification in Public Health shall embrace the following subjects:—

Duties of Health Officer. Air and Ventilation. Food and its Adulterations. Water and Water Supply. Sewerage and Drainage. Construction of Hospitals, Public Buildings, and Dwellings. Overcrowding. Manufactories. Insalubrious Trades. Cemeteries. Nuisances. Quarantine. Disinfectants and Deodorizers. Outbreaks of Zymotic Diseases. Climate, Topographical and Seasonal; its influences in relation to Health and Disease. Geographical Distribution of Diseases. Knowledge of leading Sanitary Acts of Parliament. Vital Statistics.

The following are recommended as books for study :—

> E. Parkes, *Practical Hygiene;* George Wilson, *Handbook of Hygiene;* A. H. Hassal, *On Food and its Adulterations.*

N.B.—Lectures on Public Health will be delivered in this University during each Summer Session.

Further information with regard to the Lectures on Public Health and the Examinations for the Qualification may be obtained from Dr. P. A. Simpson, Professor of Medical Jurisprudence, University of Glasgow.

F.—TABLE OF EXAMINATIONS FOR DEGREES IN MEDICINE TO BE HELD DURING SESSION 1887-8.

Examination.	Names to be given in and Fees paid to Assistant Clerk (Matriculation Office). Date.*	Fee.	Dates of Written Examinations and Hours at which the different Papers will be set. Printed Schedules with detailed instructions for filling up may be obtained from the Assistant Clerk (Matriculation Office). The Professional Oral Examinations follow immediately after the Written.
General Education,	22nd Sept., 1887,	£0 10 0†	Wed., 5th Oct., 1887, Arithmetic, 9—11 a.m. Latin, 12—2 p.m. English, 3—5 p.m. Thur., 6th ,, ,, Elementary Mathematics, ,, Mechanics, ,, French, ,, Fri., 7th ,, ,, Greek, ,, Logic, ,, Moral Philosophy, ,, Sat., 8th ,, ,, Higher Mathematics, ,, Natural Philosophy ,, German, ,,
First Professional,	20th Sept., 1887,	5 5 0	Monday, 10th October, 1887, Zoology at 10 a.m. Botany at 12.30 p.m. Chemistry at 3 p.m. Tuesday, 11th ,, ,, Practical Chemistry at 10 a.m., 12 noon, and 2 p.m.
Second Professional,	20th Sept., 1887,	5 5 0	Tuesday, 11th ,, ,, Physiology at 12.30 p.m. Anatomy at 3 p.m.
Third Professional,	20th Sept., 1887,	5 5 0	Wednesday, 12th ,, ,, Regional Anatomy at 10 a.m. Materia Medica at 12.30 p.m. Pathology at 3 p.m.
General Education,	14th March, 1888,	0 10 0†	Wed., 28th Mar., 1888, Arithmetic, 9—11 a.m. Latin, 12—2 p.m. English, 3—5 p.m. Thur., 29th ,, ,, Elementary Mathematics, ,, Mechanics, ,, French, ,, Fri., 30th ,, ,, Greek, ,, Logic, ,, Moral Philosophy, ,, Sat., 31st ,, ,, Higher Mathematics, ,, Natural Philosophy, ,, German, ,,
First Professional,	12th March, 1888,	5 5 0	Friday, 6th April, Zoology at 10 a.m. Botany at 12.30 p.m. Chemistry at 3 p.m. Saturday, 7th ,, Practical Chemistry at 10 a.m., 12 noon, and 2 p.m.
Second Professional,	12th March, 1888,	5 5 0	Saturday, 7th ,, Physiology at 12.30 p.m. Anatomy at 3 p.m.
Third Professional,	12th March, 1888,	5 5 0	Monday, 9th ,, Regional Anatomy at 10 a.m. Materia Medica at 12.30 p.m. Pathology at 3 p.m.
Fourth Professional,	22nd May, 1888,	5 5 0	Fri., 1st June, (*Clinical Examinations begin*). Tues., 10th July, (*Operative Surgery Examination begins*). Monday, 9th July, Materia Medica at 10 a.m. Forensic Medicine at 1 p.m. Tuesday, 10th July, Practice of Medicine ,, Pathology ,, Wednesday, 11th July, Surgery ,, Midwifery ,,
First Professional,	2nd July, 1888,	5 5 0	Thursday, 12th July, Zoology at 10 a.m. Botany at 12.30 p.m. Chemistry at 3 p.m. Friday, 13th ,, Practical Chemistry at 10 a.m., 12 noon, and 2 p.m.
Second Professional,	2nd July, 1888,	5 5 0	Friday, 13th ,, Physiology at 12.30 p.m. Anatomy at 3 p.m.
Third Professional,	2nd July, 1888,	5 5 0	Saturday, 14th ,, Regional Anatomy at 10 a.m. Materia Medica at 12.30 p.m. Pathology at 3 p.m.

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* When Names are not given in and Fees are not paid on or before the stated dates, a late Entry Fee of Ten Shillings must be paid before the Candidate can be admitted to examination. A Candidate is not held to be entered for the examination until his Name is entered, the Fee paid, and all the necessary Certificates, etc., lodged.

† Payable by Candidates who, at the date of their first enrolment for the Examination, are not Matriculated Students of the University.

G.—GRADUATION.

The terms for conferring Medical and Surgical Degrees are 1st May, 31st July, and second last Thursday of November.

In accordance with the Promissory Oaths Act, 1868, a Declaration in the following English form is now substituted for the Latin Oath, or Sponsio Academica, formerly required to be taken and subscribed by every Candidate on Graduation :—

I do solemnly and sincerely declare, that, as a Graduate in Medicine of the University of Glasgow, I will exercise the several parts of my profession, to the best of my knowledge and abilities, for the good, safety, and welfare of all persons committing themselves, or committed to my care and direction ; and that I will not knowingly or intentionally do anything or administer anything to them to their hurt or prejudice, for any consideration, or from any motive whatever. And I further declare, that I will keep silence as to anything I have seen or heard while visiting the sick which it would be improper to divulge. And I make this solemn declaration in virtue of the Provisions of the Promissory Oaths Act, 1868, substituting a Declaration for Oaths in certain cases.

LIST OF EXAMINING BODIES WHOSE EXAMINATIONS FULFIL THE CONDITIONS OF THE MEDICAL COUNCIL AS REGARDS PRELIMINARY EDUCATION.

N.B.—The Certificates of these Bodies admit to matriculation and study in the University of Glasgow ; but Candidates for Degrees must conform to the regulations of the University as laid down under A, page 128.

I.—Universities in the United Kingdom.

University of Oxford.—(1) Junior Local Examinations ; Certificate to include Latin and Mathematics, and also one of the following optional subjects :—Greek, French, German. (2) Senior Local Examinations ; Certificate to include Latin and Mathematics. (3) Responsions. (4) Moderations. (5) Examination for a Degree in Arts.

University of Cambridge.—(6) Junior Local Examinations ; Certificate to include Latin and Mathematics, and also one of the following optional subjects :—Greek, French, German, (7) Senior Local Examinations ; Certificate to include Latin and Mathematics. (8) Higher Local Examinations. (9) Previous Examination. (10) Examination for a Degree in Arts.

University of Durham.—(11) Examination for Certificate of Proficiency. (12) Examination for Students at the end of their first year. (13) Examination for a Degree in Arts.

University of London—(14) Matriculation Examination. (15) Preliminary Scientific (M.B.) Examination. (16) Examination for a Degree in Arts or Science.

VICTORIA UNIVERSITY.—(17) Preliminary Examination; Latin to be one of the subjects. (18) Entrance Examination in Arts, to include all the subjects required.

UNIVERSITY OF EDINBURGH.—(19) Local Examinations (Junior Certificate); Certificate to include English Literature, Arithmetic, Algebra, Geometry, Latin, and also one of the following optional subjects:—Greek, French, German. (20) Local Examinations (Senior Certificate); Certificate to include English Literature, Arithmetic, Algebra, Geometry, Latin, and also one of the following optional subjects:—Greek, French, German. (21) Preliminary Examination for Graduation in Science or Medicine and Surgery. (22) Examination for a Degree in Arts.

UNIVERSITY OF ABERDEEN.—(23) Local Examinations (Junior Certificate); Certificate to include all the subjects required. (24) Local Examinations (Senior Certificate); Certificate to include English Literature, Arithmetic, Algebra, Geometry, Latin, and also one of the following optional subjects:—Greek, French, German. (25) Preliminary Examination for Graduation in Medicine or Surgery. (26) Examination for a Degree in Arts.

UNIVERSITY OF GLASGOW.—(27) Local Examinations (Junior Certificate); Certificate to include all the subjects required. (28) Local Examinations (Senior Certificate); Certificate to include English Literature, Arithmetic, Algebra, Geometry, Latin, and also one of the following optional subjects:—Greek, French, German. (29) Preliminary Examination for Graduation in Medicine or Surgery. (30) Examination for a Degree in Arts.

UNIVERSITY OF ST. ANDREWS.—(31) Local Examinations (Senior Certificate); Certificate to include English Literature, Arithmetic, Algebra, Geometry, Latin, and also one of the following optional subjects:—Greek, French, German. (32) Local Examinations (Junior Certificate), to include all the subjects required. (33) Preliminary Examination for Graduation in Medicine or Surgery. (34) Examination for a Degree in Arts.

UNIVERSITY OF DUBLIN.—(35) Public Entrance Examination. (36) General Examination at end of Senior Freshman year. (37) Examination for a Degree in Arts.

QUEEN'S UNIVERSITY IN IRELAND.—(38) Local Examinations for Men and Women; Certificate to include all the subjects required by the General Medical Council. (39) Entrance or Matriculation Examination. (40) Previous Examination for B.A. Degree. (41) Examination for a Degree in Arts.

ROYAL UNIVERSITY OF IRELAND.—(42) Matriculation Examination.

OXFORD AND CAMBRIDGE SCHOOLS' EXAMINATION BOARD.—(43) Certificate to include the following subjects, an adequate knowledge of English Grammar and Orthography, as shown in the course of the Examination, to the satisfaction of the Examiners, being held as conforming to the requirements of the Medical Council in regard to those subjects:—Arithmetic, including

Vulgar and Decimal Fractions; Algebra, including Simple Equations; Geometry, including the first two books of Euclid; Latin, including Translation and Grammar. Also one of these optional subjects:—Greek, French, German.

II.—Other Bodies named in Schedule (A) *to the* MEDICAL ACT.

APOTHECARIES' SOCIETY OF LONDON.—(44) Examination in Arts.

ROYAL COLLEGES OF PHYSICIANS AND SURGEONS OF EDINBURGH.—(45) Preliminary (combined) Examination in General Education.

FACULTY OF PHYSICIANS AND SURGEONS OF GLASGOW.—(46) Preliminary Examination in General Education.

ROYAL COLLEGE OF SURGEONS IN IRELAND.—(47) Preliminary Examination; Certificate to include Mathematics.

III.—Examining Bodies, in the United Kingdom, not included in Schedule (A) *to the* MEDICAL ACT (1858).

COLLEGE OF PRECEPTORS.—(48) Examination for a First-Class Certificate, or Second-Class Certificate of First or Second Division, Algebra, Geometry, Latin, and a Modern Language, having been taken.

QUEEN'S COLLEGE, BELFAST.—(49) Matriculation Examination.

QUEEN'S COLLEGE, CORK.—(50) Matriculation Examination.

QUEEN'S COLLEGE, GALWAY.—(51) Matriculation Examination.

INTERMEDIATE EDUCATION BOARD OF IRELAND.—(52) Junior Grade Examination. (53) Middle Grade Examination. (54) Senior Grade Examination. Certificate in each case to include all the subjects required.

ST. DAVID'S COLLEGE, LAMPETER.—(55) Responsions Examination, to include all the subjects required.

EDUCATIONAL INSTITUTE OF SCOTLAND.—(56) Preliminary Medical Examination.

IV.—Indian, Colonial, and Foreign Universities and Colleges.

UNIVERSITY OF CALCUTTA.—(57) Entrance Examination; Certificate to include Latin.

UNIVERSITY OF MADRAS.—(58) Entrance Examination; Certificate to include Latin.

UNIVERSITY OF BOMBAY.—(59) Entrance Examination; Certificate to include Latin.

CEYLON MEDICAL COLLEGE.—(60) Preliminary Examination (Primary Class).

UNIVERSITY OF M'GILL COLLEGE, MONTREAL.—(61) Matriculation Examination.

University of Bishop's College, Montreal.—(62) Matriculation Examination.

University of Toronto.—(63) Matriculation Examination.

University of Trinity College, Toronto.—(64) Matriculation Examination.

University of Queen's College, Kingston.—(65) Matriculation Examination.

University of Victoria College, Upper Canada.—(66) Matriculation Examination.

University of Manitoba.—(67) Previous Examination.

University of Fredericton, New Brunswick.—(68) Matriculation Examination.

University of King's College, Nova Scotia.—(69) Matriculation Examination. (70) Responsions.

University of Halifax, Nova Scotia.—(71) Matriculation Examination.

Dalhousie College and University, Halifax, Nova Scotia.—(72) Matriculation and Sessional Examination.

University of California.—(73) Examination in department of Letters.

University of Melbourne.—(74) Matriculation Examination.

University of Sydney.—(75) Matriculation Examination.

University of Adelaide.—(76) Matriculation Examination.

Tasmanian Council of Education.—(77) Examination for the Degree of Associate of Arts; Certificate to include Latin and Mathematics.

University of the Cape of Good Hope.—(78) Matriculation Examination. (79) Examination for a Degree in Arts.

University of Otago.—(80) Preliminary Examination.

University of New Zealand.—(81) Entrance Examination.

Christ's College, Canterbury, New Zealand.—(82) Voluntary Examinations. Certificate to include all subjects required.

Codrington College, Barbadoes.—(83) English Certificate for Students of two years' standing, and Latin Certificate or "Testamur."

Germany and other Continental Countries.—(84) Gymnasial Abiturienten-Examen, and other corresponding Entrance Examinations to the Universities.

Gymnasia of the Circuit of Dorpat.—(85) Examinations of Maturity.

5.—GRADUATION IN LAW.

Degrees of Bachelor of Laws (LL.B.) and Bachelor of Law (B.L.).

Two Degrees in Law are conferred, after examination, by the University of Glasgow, viz., Bachelor of Laws (LL.B.) and Bachelor of Law (B.L.).

By regulation of the Faculty of Advocates, any one who has obtained the Degree of LL.B. from a Scottish University is held qualified in General Scholarship and Law with a view to admission to the Bar, without examination or other evidence of such qualification.

By the Law Agents Act, 36 and 37 Vic., c. 63, the holder of a Degree in Law or in Arts of a University in Great Britain or Ireland, granted after examination, is qualified to apply for admission as a Law Agent after an apprenticeship of three years, instead of five, as required in the ordinary case; and by act of Sederunt of 20th July, 1878, any applicant who holds the Degree of LL.B. or of B.L. of any Scottish University is exempted from any examination in Law before the Examiners of Law Agents, excepting only on forms of Process, Civil and Criminal.

The conditions on which the Degree of LL.B. is now conferred are regulated by ordinance of the Universities Commissioners, No. 75, the principal provisions of which are the following :—

I. No one shall hereafter be admitted as a candidate for the Degree unless he be a graduate in Arts of a recognized University.

II. The course of study in Law necessary for the degree of Bachelor of Laws shall extend over three academical years, and shall include attendance on a distinct course in each of the six following departments, viz. :—

1. Civil Law, - - - - -	During Courses of not less than Eighty Lectures each.
2. Law of Scotland, - - - -	
3. Conveyancing, - - - - -	
4. Public Law, - - - - -	During Courses of not less than Forty Lectures each.
5. Constitutional Law and History, -	
6. Medical Jurisprudence, - - -	

III. No one shall be admitted as a candidate for this Degree in any University unless two at least of the three academical years of his course of study in Law shall have been in such University.

IV. Candidates for the Degree of Bachelor of Laws shall be examined, both in writing and *viva voce*, on each of the six departments of Law above specified.

V. The Examiners, in judging of the qualifications of candidates, shall have special regard to their acquirements in the two departments of Public Law and Constitutional Law and History.

VI. The Examiners for Degrees in Law in each University shall be six in number, and there shall always be one Examiner specially qualified for each one of the six departments above specified ; and where the Professors of the Faculty of Law in any University do not furnish the requisite number of Examiners duly qualified, the number shall be made up by the appointment of additional Examiners by the University Court ; provided always that no person shall be appointed an additional Examiner in any University unless he be a professor in the Faculty of Law in a *Scottish* University, or shall have obtained the Degree of Bachelor of Laws, in accordance with the provisions of this ordinance.

VII. Each candidate for the Degree of Bachelor of Laws shall pay a Fee of Five Guineas in respect of his examination for the Degree.

The following Regulations for the Degree of Bachelor of Law (B.L.) were sanctioned by Her Majesty, by order in Council, dated 6th August, 1874 :—

VIII. Besides the Degree in Law specified in the said ordinance there shall in future be in the University of Glasgow a second Degree in Law granted after examination, namely, the Degree of Bachelor of Law (B.L.).

IX. No one shall be admitted to examination as a candidate for the Degree of Bachelor of Law in the University of Glasgow unless he be a Graduate in Arts, qualified as prescribed in Section I. (*supra*), or unless he shall have passed a satisfactory examination in Latin, and in any three of the following subjects (Logic or Mathematics being always one of the three), viz. : (*a*) Greek, with the alternative of French or German, (*b*) Logic, (*c*) Moral Philosophy, (*d*) Mathematics, (*e*) Natural Philosophy, and (*f*) English Literature ; and further, shall have studied, during at least two academical years, two or more of the above branches, in one or more of the Universities mentioned in section I. The examinations shall be conducted by Examiners in Arts, together with some of the Law Examiners.

X. The course of study in Law necessary for the Degree of Bachelor of Law in the University of Glasgow shall extend over at least two academical years, and shall include attendance on a distinct course, as specified in section II., in each of the three departments of Civil Law, Law of Scotland, and Conveyancing, and in any one of the other three departments of Law mentioned in that section ; provided always that in lieu of Civil Law, or one of the last-mentioned three departments of Law, attendance on a distinct course of Moral Philosophy shall be admitted as sufficient, or in the event of Moral Philosophy having been selected by a candidate as one of the three optional subjects of Preliminary Examination, then attendance on a distinct course of Political Economy shall be admitted in lieu of Civil Law or one of the said other three departments of Law. No one shall be admitted to examination as a candidate for the said Degree unless two academical years of his course of study in Law shall have been in the University of Glasgow. The candidates shall be examined in each of the departments in which they shall have given attendance as herein required.

XI. The Examiners for the Degree of B.L. in the University of Glasgow shall be the Professors of the Faculty of Law, together with two additional Examiners appointed by the University Court, from among Graduates in Law of any of the Universities of Scotland, provided always that for six years after the approval of this alteration on the ordinance by Her Majesty in Council, any one shall be eligible as Examiner who is a Member of the General Council of any of the Universities of Scotland. Each of such additional Examiners shall hold office for the term of three years.

XII. The fee to be paid by each candidate for the Degree of Bachelor of Law in the University of Glasgow shall be Three Guineas.

XIII. Any candidate who, before the approval of the present alteration by Her Majesty in Council, may, with a view to Graduation in the University, have passed an examination in any of the subjects hereby required for the Degree of B.L., shall be entitled to reckon such examination as an examination in the same subject or subjects for the purposes of the said Degree.

SUBJECTS OF EXAMINATION.

Preliminary Examination for Degree of B.L.

Arts Subjects.—The Examination in the Arts Subjects under section IX. will be the same as that for the Degree of M.A.

French.—*Montesquieu's* Esprit des Lois, Books i. to v.; *Voltaire's* Charles XII.; *Moliere's* Le Bourgeois Gentilhomme; *Victor Hugo*, First Division of Selections (Poésie) contained in L'Œuvre Complète de Victor Hugo (Extraits), Paris, Hetzel-Quantin, 1885. Some knowledge of the matter of the books prescribed as well as of their text is required. A passage from a work not prescribed may also be set. Moderate proficiency in French Prose Composition is required. Questions on French Grammar, Philology, and History will also be set. For these subjects reference may be made to *Saintsbury's* Primer of French Literature, *Brachet's* Historical French Grammar, or *Clapin's* Primer of French Philology, and *Charlotte Yonge's* Primer of French History.

GERMAN.—*Von Ihering*, Der Kampf um's Recht; *Schiller*, Die Belagerung von Antwerpen; *Lessing*, Minna von Barnhelm; *Gœthe*, Hermann und Dorothea. Translation, Composition, and Grammatical and Historical Knowledge will be required, as in French. Reference may be made to *Gostwick and Harrison's* German Literature, or *Selss'* Outline of the Literature of Germany; and *Sime's* History of Germany (Macmillan's Hist. Course for Schools).

Law Examination for Degrees of LL.B. and B.L.

The examinations for LL.B. and B.L. in Session 1887-88 will embrace the following books and subjects, viz.:—

In Civil Law.—Justinian's Institutes, with Sandars' Introduction and Notes.

In the Law of Scotland.—Bell's Principles of the Law of Scotland, and the Professor's Lectures.

In Conveyancing.—The Completion of Titles to Heritable and Personal Estate.

In Public Law.—(1) History and Philosophy of Law; (2) Public International Law; and (3) Private International Law. Authorities recommended—Maine's Ancient Law; Ahrens' Cours de Droit Naturel, or Lorimer's Institutes of Law and Law of Nations, or Trendelenburg's Naturrecht; Hall's or Woolsey's International Law, or Twiss' Law of Nations, or Heffter's Droit International de l'Europe, together with the prize cases reported in Tudor's Leading Cases in Mercantile and Maritime Law, or Bluntschli's Völkerrecht, together with the above cases; the Eighth Volume of Savigny's System translated by Guthrie.

In Constitutional Law and History.—(1) History of the Constitution during the 16th and 17th centuries; (2) Existing Constitutional Law. Authorities recommended—Hallam's Constitutional History of England; The British Constitution, by Walter Bagehot; Central Government, by Traill; The Electorate and the Legislature, by Spencer Walpole (English Citizen Series).

In Medical Jurisprudence.—Infanticide; Concealment of Pregnancy; Rape; Wounds; Identity; Presumption of Survivorship; General Evidence in Cases of Poisoning; Poisoning by Arsenic; Examination of Blood Stains; Legitimacy; Insanity. (Text-Book, Principles of Forensic Medicine, by Guy and Ferrier.)

In Moral Philosophy.—The subjects of examination for the Degree of M.A. Those who have not attended the Class of Moral Philosophy will be examined in Sidgwick's Methods of Ethics, and will also be expected to show a general knowledge of the history of Ethical Philosophy in modern times.

In Political Economy.—The General Principles of Political Economy, and the 2nd Book of Mill's Political Economy.

The Examinations in the Arts subjects are held at the same periods as the corresponding Examinations for M.A.; those in French and German at the same periods as the Preliminary Examinations of medical students in these subjects. The Examinations in Law Subjects are held twice a year, viz., in April and in the end of October or beginning of November. By a regulation of the Faculty of Law not fewer than two subjects in Law must be taken up at one time by each candidate for the Degree of LL.B. or B.L.

Names of Candidates to be given in, with the Examination Fees, to the Assistant Clerk (Matriculation Office) on or before 10th March or 1st October.*

6.—GRADUATION IN DIVINITY.

Degree of Bachelor of Divinity.

This Degree, having been revived in the University by authority of the University Court and Senatus Academicus, is conferred on such qualified candidates as have satisfied the Members of the Divinity Faculty of their proficiency in the following departments, viz.:—

I. Hebrew, New Testament Exegesis, and Apologetics.
II. Divinity, Church History, and Biblical Criticism.

The examinations in the First Department are held in November (11th and 12th November, 1887); those in the Second Department, in April (12th and 13th April, 1888).†

The scheme of examination for Session 1887-8 is as follows:—

1. First Department—

(*a*) *Hebrew.*—(1) The Books of Joel, Obadiah, Jonah, Nahum, Habakkuk, Zephaniah, and Psalms i.—xli.; with questions on authorship and introduction. (2) Portions of simple unpointed Hebrew to be pointed. (3) English sentences to be done into punctuated Hebrew.

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* When Names are not given in and Fees are not paid on or before the stated dates, a late Entry Fee of Ten Shillings must be paid before the Candidate can be admitted to examination. A Candidate is not held to be entered for the examination until his Name is entered, the Fee paid, and all the necessary Certificates, etc., lodged.

† Candidates who, under the old regulations, have already passed in Hebrew and Biblical Criticism may present themselves for examination in Divinity and Church History, and *vice versa*.

Books recommended:

The relative Commentaries of Delitzsch, Ewald, Hitzig Keil, Lange, and Perowne; Bleek, Introduction to the Old Testament. Candidates will be expected to know at least as much of the Syntax as is contained in "Müller's Outlines."

(*b*) *New Testament Exegesis.*—(1) Introduction to the Gospel according to Luke. (2) Exegesis of Mark i. 1—viii. 26, with critical comparison of the parallel passages in Matthew and Luke.

Books which may be consulted:

The relative Commentaries of Godet, Meyer, de Wette, or Alford; Bleek, Synoptische Erklärung der drei ersten Evangelien.

(*c*) *Apologetics.*—Antitheistic Theories; Inspiration.

Books which may be consulted:

The relative sections of general treatises on Apologetics or Dogmatics [see II., below]; Flint, Antitheistic Theories: Christlieb, Modern Doubt; Lee on Inspiration; Row on Inspiration; Ladd, Doctrine of Sacred Scripture; Voigt, Fundamental-Dogmatik.

II. SECOND DEPARTMENT—

(*a*) *Divinity.*—Doctrine of Christ's Person and Work; Biblical Theology—Discourses in Book of Acts, and First Epistle of Peter.

The following books may be consulted:

The Treatises on Dogmatics by Martensen, Oosterzee, Kahnis, Lipsius, Dorner; Hodge, Systematic Theology; Dorner, Doctrine of Christ's Person and Work; Thomasius, Christi Person und Werk; Bruce, Humiliation of Christ; Schmid, Weiss, Oosterzee, on Biblical Theology of the New Testament; Reuss, History of Christian Theology in the Apostolic Age; Weiss, Petrinischer Lehrbegriff.

(*b*) *Church History.*—Period from Birth of Christ to the Council of Nice, inclusive.

The following books may be consulted:

Gibbon, Decline and Fall of the Roman Empire; Neander, Planting of Christianity, and Church History; Robertson, History of the Christian Church; Schaff, History of the Christian Church; Pressensé, Early Years of Christianity; Chastel, Histoire du Christianisme.

(*c*) *Biblical Criticism.*—(1) Textual Criticism. (2) Hermeneutics.

Books which may be consulted:

(1) Davidson, Biblical Criticism; Tregelles, Treatise in Horne's Introduction, vol. IV.; Scrivener, Plain Introduction to the Criticism of the New Testament (third edition); Westcott and Hort, Prolegomena to the Greek Testament. (2) Davidson, Sacred Hermeneutics (1843), or Treatise on Interpretation in Horne's Introduction, vol. II.; Ernesti, Institutio Interpretis; Immer, Hermeneutik des Neuen Testamentes.

All Graduates in Arts of any of the Universities of Scotland, or of England, or of Ireland, or of a Colonial University whose Degrees shall for this purpose have been specially recognized by the University Court, who have studied at this University during at least two sessions, and "who have gone through a due course of Theological training, whether in this University or in any other Theological School in Scotland or England," may become candidates for the Degree.

Students who have completed the second year of their Divinity studies, subsequent to the termination of their Course in Arts, may present themselves for Examination in the First Department.

Forms of application for examination may be obtained from the Assistant Clerk (Matriculation Office). These forms, when filled up, must be forwarded by the Candidates to the Professor of Divinity, along with certificates of attendance on the required classes, and, having been certified by him, must then be transmitted to the Assistant Clerk (Matriculation Office), on or before 1st November or 1st April respectively. A fee of £1 11s. 6d. is payable on enrolment for each department.

Degree of Doctor of Divinity.

This Degree is now conferred in accordance with the following Regulations, which were adopted by the Senate April 28th, 1869, and March 9th, 1882:—

I. A Bachelor of Divinity of this University of fifteen years' standing may proceed to the Degree of D.D. after performance of the following exercises to the approval of the Senate:—

1. He shall compose a Thesis on a Theological subject approved by the Professor of Divinity, and shall deposit with the Clerk of Senate fifty printed copies of the Thesis. All Theses to be sent in on or before 1st February in each year.
2. He shall preach a University Sermon in a place and at a time to be appointed by the Vice-Chancellor and the Professor of Divinity. The Sermon may be preached at any time after he is a B.D. of five years' standing.

II. A Bachelor of Divinity of this University of eight years' standing may proceed to the Degree of D.D. by passing a higher examination in any three of the six subjects embraced in the examinations for the Degree of B.D., the Senate determining on the Report of the Examiners whether the Degree of D.D. shall be conferred. The Senate may dispense with this examination in the case of a Bachelor of Divinity of whom the Theological Faculty shall report that he has published a work of merit in Theological science.

III. A Graduate in Arts or Member of the General Council, who completed his theological course before the revival of the Degree of B.D., may proceed to the Degree of D.D. in the same way as a B.D. of eight years' standing under Regulation II., or as a B.D. of fifteen years' standing under Regulation I., his standing being reckoned from the completion of his theological course.*

IV. The University dues for the Degree of D.D. shall be, as heretofore, Twenty Pounds; under deduction of the dues previously paid on examination for the Degrees of M.A. and B.D.

The following are the resolutions regulating the procedure of the Senate in conferring the Degree of D.D.:—

1. Proposals for conferring the Degree of D.D. shall be brought before the Senate at the first meeting in March.

2. At the commencement of every session a committee shall be appointed, to be called the Committee on the Degree of D.D., consisting of the Principal, three Professors from the Faculty of Theology (of whom the Professor of Divinity shall always be one), and one Professor from each of the other Faculties. To this Committee all proposals to confer this Degree shall be remitted.

3. It shall be the duty of this committee to consider the proposals brought before the Senate, and to submit to the Senate in writing a statement of the grounds on which, in any case, their recommendation to confer the Degree is founded, showing:—

(*a*) Under which of the Regulations (I., II., or III.) the candidate is proceeding to the Degree; and

(*b*) Whether his character and professional standing are such as to warrant the conferring of the proposed distinction.

4. No resolution to confer the Degree of D.D. shall be moved in the Senate until the meeting after that to which the committee's recommendation is presented.

In exceptional cases in which it may not be expedient to insist on compliance with the Regulations, the committee on the Degree of D.D. shall be required to lay before the Senate a statement of the special circumstances under which the conferring of the Degree is recommended.

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* By a minute dated 17th April, 1884, the Senate resolved that this regulation shall be so construed as to include those who began their Arts course during the four years immediately preceding the 2nd August, 1861.

7.—HONORARY DEGREE OF DOCTOR OF LAWS.

The following resolutions regulating the procedure of the Senate in conferring the honorary Degree of LL.D. were agreed to, 9th March, 1882 :—

1. Proposals for conferring the Degree of LL.D. shall be brought before the Senate at the first meeting in November, or the first meeting in March.

2. At the commencement of every session a Committee shall be appointed, to be called the Committee on the Degree of LL.D., consisting of the Principal, two Professors from each of the Faculties of Arts and Law, and one Professor from each of the Faculties of Medicine and Theology. To this Committee all proposals to confer this degree shall be remitted.

3. It shall be the duty of this Committee to consider the proposals brought before the Senate, and to submit to the Senate in writing a statement of the grounds on which, in any case, their recommendation to confer the Degree is founded.

4. To enable the Committee to fulfil the third regulation, the proposer, along with two other members of Senate, shall fill up a Schedule showing in the case of the person nominated :—

(*a*) Whether he is an alumnus of this or any other University, and whether he already holds any Academical Degree.
(*b*) Whether he is the author of any work of acknowledged merit, or has otherwise contributed to the progress of learning and science.
(*c*) And, in general, whether his character, profession, and position in society are such as to warrant the conferring of the proposed distinction.

5. No resolution to confer the Degree of LL.D. shall be moved in the Senate until the meeting after that to which the Committee's recommendation is presented.

Academic Dress.

GRADUATES OF THE UNIVERSITY.

On ceremonial occasions the Graduates are expected to appear in the Gown and Hood proper to their degrees.

The ordinary Gowns to be worn by Graduates of the University of Glasgow are of black silk or stuff, of similar shape to those appropriated to the corresponding degrees in the other British Universities.*

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* The Robemakers to the University have standard patterns of the gowns, which. it may be stated for the information of those at a distance, are of the same shape with the ordinary (or undress) gowns of the corresponding degrees at Cambridge.

The Hoods for the different Degrees are as follows :—

B.A., Black Silk, bordered inside with Red Purple Silk (colour of Bell Heather—*Erica Cinerea*).
M.A., Black Silk, lined with Red Purple Silk.
B.Sc., Black Silk, lined with Gold coloured Silk (colour of Whin Blossom—*Ulex Europœa*).
D.Sc., Black Velvet lined with Gold coloured Silk.
B.L., Black Silk, bordered inside with Venetian Red Silk (colour of Clove Carnations).
LL.B., Black Silk, lined with Venetian Red Silk.
LL.D., Black Velvet, lined with Venetian Red Silk.
M.B. and C.M., Black Cloth, lined with Scarlet Silk.
M.D., Black Silk, lined with Scarlet Silk.
B.D., Black Silk, bordered with Black Velvet, lined with Red Purple Silk.
D.D., Black Velvet, lined with Black Silk, or (if the Graduate be Master of Arts) with Red Purple Silk.

UNDER-GRADUATES.

By a Statute of the Commissioners appointed by the Act, 1690, chapter XVII., of the Parliament of Scotland, "for the Visitation of Universities and Schools," it was enacted that "all the students in the several Universities and Colleges within this kingdom be obliged to wear gowns during the time of the sitting of the Colleges," and that "the Regents or Masters be obliged to wear black gowns, and the students red gowns; and, in regard that wearing of gowns has never been the custom in the College of Edinburgh, the Commissioners do therefore recommend to the Masters of that College to endeavour to bring the custom of wearing gowns there into practice." It appears from the University records that the wearing of red gowns had been previously the practice in Glasgow, and it continued to be the practice in all the Arts classes which existed at the date of this statute uninterruptedly till recently.

The General Council of this University having requested the University Court to recommend to the Senate the propriety of requiring the students to conform to the ancient practice of this University as to Academic dress; and the University Court having remitted the subject to the determination of the Senate, with an expression of regret that the Academical Dress formerly worn by the Arts students has of late years been laid aside, the Senate has given notice that the proper Academic Dress for students in Arts is the red gown.

While this notice does not apply to students not in the Faculty of Arts, all students in the University are entitled to wear the red gown.*

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* Gowns may be obtained from the Janitor at the University at the makers' prices.

Ceremony of Graduation.

The following are the regulations adopted by the Senate :—

All Degrees honorary or gained by examination, shall be publicly conferred, except in special cases to be decided by the Senate.

Candidates for Graduation are required to appear in black gowns with the hoods appropriate to their degrees. Those who are already Graduates, in the costume proper to their previous degree.

V.—BURSARIES, SCHOLARSHIPS, &c., PRIZES.

N.B. No alumnus of the University is allowed to hold at one time more than one Bursary, Scholarship, or Fellowship, except in cases provided for by the Regulations.

In the case of Bursaries in the gift of the Senate, in appointing to which "a preference" is to be given to certain names, &c., by a "preference" the Senate understand, in every instance, a preference *cæteris paribus*.

A. BURSARIES (ARRANGED ACCORDING TO FACULTIES).

BURSARIES IN THE FACULTY OF THEOLOGY.

Bursars in the Faculty of Theology are required to attend each session the Divinity Class and any two of the three classes of Hebrew, Church History, and Biblical Criticism.

FOUNDATION.	No. of Bursaries.	Period of Tenure.	Approximate Annual Value of each.
		Years.	
Adam, John,	3	4	£15
Black,	2	3	£42
Boyd,	1	3	£11
Boyd and Sanders,	1	3	£13 16/8
Brown or Ettles,	2	3	£18
Dundonald,	6	2	£41 2/6
Gillhagie,	1	4	£6 6/
Hastie,	2	3	£20
Logan,	1	3	£15
Lorimer,	4	3	£25 & £18
Lumsden,	1	4	£15
Macfarlane,	1	3	£35
Marshall,	1	4	£17
Muir,	1	3	£35
Muir Divinity,	2	2	£25
Notman,	1	3	£16 10/
Ross, John, jun.,	1	3	£35
Struthers,	1	3	£13 6/8
Wilson,	1	3	£13 6/8
BURSARIES IN THE FACULTY OF LAW.			
Cunninghame,	2	—	£35
Merchants' House,	1	3	£25
Walkinshaw-Young,	1	2	£18
BURSARIES IN THE FACULTY OF MEDICINE.			
Brisbane,	1	4	£45
Davidson,	1	3	£35
Malcolm Kerr (Chem.),	1	3	£18
Logan,	1	4	£15
Lorimer,	4	3	£25 & £18
Macarthur,	1	2	£20
Macfarlane,	1	3	£40
Marshall,	1	4	£17
Merchants' House,	2	4	£25
Monteith, John,	2	2	£18
Rainy,	2	2	£20
Walton,	1	4	£36
Weir, Andrew,	1	1	£18

BURSARIES IN THE FACULTY OF ARTS.

Bursars in the Faculty of Arts are required to attend each session two at least of the classes embraced in the curriculum for M.A.

FOUNDATION.	No. of Bursaries.	Period of Tenure.	Approximate Annual Value of each.
		Years.	
Adam, James,	3	4	£11
Adamson,	1	3 or 4	£20
Angus and Mearns Benevolent Society,	2	4	£15
Biggart Memorial,	10	4	£25
Black,	2	4	£21
Blackquarry School,	1	4	£15
Brand,	3	4	£26
Brown,	1	4	£6 13/4
Brown, Ebenezer,	1	3	£35
Brown (Saltcoats),	1	4	£12
Browne (Ayrshire),	2	4	£17 10/
Buchanan,	2	3	£18
Clark, John (Mile-end),	22	4	£30
Cowan,	1	2	£35
Craig,	1	4	£25
Craig, Archibald,	1	2	£9
Crawfurd (or Bishop's),	1	4	£15
Davidson,	1	3	£35
Duncan's Bute,	2	4	£35
Dundonald,	8	4	£40
Ewing, James,	4	4	£20
Forfar,	4	4	£20
Foundation,	4	4	£10
Fullarton of Overton,	5	2	£10
General Council,	8	3 or 2	£20, £15
Gilchrist,	1	3	£8
Glasgow City Educational Endowm'ts,	20	4 or 2	£25
Grant, George,	1	3 or 4	£40
Grant, George, jun.,	1	4	£40
Hannay,	3	3	£15
Hastie,	1	4	£20
Howison,	1	4	£9
Hyndford,	1	4	£6 13/4
Jaffrey, John Ferguson,	1	2	£32 10/
Kerr, Malcolm (Nat. Phil.),	1	3	£18
Laing,	1	3	£20
Leadbetter,	1	4	£9
Leyden, John,	1	3	£16
Lochhead, James,	1	3	£17
Lochhead and Mitchell,	2	4	£35
Lorimer (4 Phil. 4 Math.),	8	3	£25 & £18
Lusk,	1	3 or 4	£33
M'Culloch,	1	4	£17
MacDougall,	3	3	£50
M'Ewen, Malcolm (Arts or Science),	1	4	£16
MacGrouther,	2	4	£20 & £15
Menzies,	4	4	£50
Merchants' House,	1	4	£25
Metcalfe,	4	2	£25

BURSARIES IN THE FACULTY OF ARTS—*Continued.*

FOUNDATION.	No. of Bursaries.	Period of Tenure.	Approximate Annual Value of each.
		Years.	
Monteith,	3	3	£16
Muir (Civil Engineering),	2	1	£17 10/
Muir (Mathematics, Senior),	1	1	£17 10/
Muir (Mathematics, Junior),	1	2	£8 15/
Orr-Ewing Dumbartonshire,	16	4	£25
Paterson, James,	1	4	£22
Patrick,	2	2	£80 and £40
Perthshire Society,	1	3	£25
Pollock,	3	3	£35
Ramsay-Walker,	2	4	£11
Ross,	1	4	£4 13/4
Scott,	3	4	£25
Stewart,	4	4	£15
Stirlingshire Society,	1	5	£25
Thomson, James (Philosophical),	1	2	£12
BURSARIES IN THE FACULTIES OF ARTS AND THEOLOGY.			
Ardkinglass,	1	8	£9 10/
Baxter,	1	5	£8
Buchanan (Bellfield),	2	7	£53
Exchequer,	6	6	£10 & £13 6/8
Hamilton,	6	6	£20 & £25
Leighton,	2	7	£9
Williams,	7	3 or 4	£40
BURSARY IN THE FACULTIES OF ARTS OR THEOLOGY.			
Lamb,	1	—	£11
BURSARIES IN THE FACULTIES OF ARTS, LAW, OR MEDICINE.			
Macdonald,	2	4	£16
BURSARIES IN THE FACULTIES OF THEOLOGY, LAW, OR MEDICINE.			
Armagh,	3	3	£25
Old Library,	1	4	£11 2/2¾
BURSARIES IN ANY FACULTY.			
Ayrshire Society,	4	3	£15
Celtic Society (Campbell),	1	1 or more	£5
Denny,	4	4	£30
Dumfriesshire Society,	2	4	£15
Ferguson, James,	2	2	£70
Forrest,	5	5 or less	£22
Gibson, John,	2	4	£20
Kintyre (Ker),	1	3	£20
Maltmen,	2	1 or more	£25
Smith,	2	1 or more	£9
Taylor,	2	4 or 5	£11

B.—BURSARIES (ALPHABETICALLY ARRANGED).

JAMES ADAM BURSARIES (*Arts*).—Three in number, founded by the Rev. James Adam, minister of Cumbrae, who died in 1830. They are appropriated to students in the Gown Classes, and tenable for four years. In appointing to one of the Bursaries, preference is given to the kindred of the founder, and in appointing to another to students of the name of Adam. The appointment is vested in the Earl of Glasgow, the Professor of Divinity, and the Minister of Cumbrae. Value, about £11 per annum each. Applications to be sent to the Patrons not later than 1st October. (Two vacancies.)

Bursars—* John Wallace, 1883 ; James Adam, 1884.

JOHN ADAM BURSARIES (*Theology*).—Three in number, founded by Mr. John Adam, of the Inner Temple, who died in 1836. They are open to competition to students in Theology of the first year ; and, after examination, are adjudged to the three students who shall be declared to be the most deserving, and to have made the highest attainments in Latin, Greek, Logic, Moral and Natural Philosophy, and Mathematics. In appointing to one of the Bursaries, there is a preference, *cæteris paribus*, to the kindred of the founder, and to students of the name of Adam or Dollar. The trustees and patrons are the Principal, the Professor of Theology, and the five Professors of the Gown Classes. These Bursaries are tenable for four years. Value, £15 to each Bursar.

Bursars—† John D. Glass, 1884 ; † James Muir, 1884 ; John A. Findlay, 1885.

ADAMSON BURSARY (*Arts*).—Founded by the Rev. David Adamson, minister of Fintry, in 1674, is appropriated to a student in Philosophy, son of a freeman in one of the seven Incorporate Trades of Stirling. It is tenable for four years by a student entering the Greek Class, for three years by a student entering the Logic Class ; and the appointment is vested in the Convener Court of Stirling. Value, the free proceeds of the capital, which now amounts to about £500. (Vacant.)

ANGUS AND MEARNS BENEVOLENT SOCIETY'S BURSARIES (*Arts*).—Two in number, founded in 1860 by the Glasgow Angus and Mearns Benevolent Society. Value, £15 per annum each. They are tenable for four years in the Arts Classes, and are open only to natives, or sons of natives, of the counties of Forfar and Kincardine, who are desirous of obtaining a University education, but whose circumstances are such as to render them unable to accomplish it without the aid of a Bursary.

Applications to be made, not later than 1st September in each year, to Mr. Stuart Spence, 52 Virginia Street, Glasgow.

Bursar—Hugh A. Blacklaw, 1884.

ARDKINGLASS BURSARY (*Arts and Theology*).—Founded in 1733, by Sir James and Lady Campbell, out of a fund which Colonel John Blackader had by his will set aside for pious uses. Tenable [for eight years—five in Languages and Philosophy, and three in Divinity. Patron, Mr. Geo. F. W. Callander, of Ardkinglass and Craigforth. Bursar to be found duly qualified by Principal and Masters; and to take the degree of M.A. before passing to Divinity. Value, £9 10s.

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* Vacant through lapse of time. † Vacant. Bursar's course finished.

Bursar—John M'Niven, 1886.

ARMAGH BURSARIES (*Theology, Law, or Medicine*).—Three in number, founded in 1733 by Hugh Boulter, Archbishop of Armagh, who endowed the College with the annual rent of certain lands in the neighbourhood of Glasgow. By ordinance of the Universities Commissioners, of date 17th May, 1862, these three Bursaries were raised from £15 to £25 per annum each (the funds having accumulated through vacancies), and the restrictions as to birthplace were removed. On each vacancy, the most distinguished Graduate in Arts of the year, who offers himself as a candidate, is appointed by the Senate.

The Bursaries are tenable for three years, during which the holders must give regular attendance on the classes of this University, as students of Theology, Law, or Medicine. One Bursar is appointed at the commencement of each session, and no appointment is made of more than one Bursar in the same year.

Names of candidates to be sent in to the Clerk of Senate on 1st December in each year.

Bursars—* A. A. Mitchell, 1884; Wellstood A. Watt, 1886.

GLASGOW AYRSHIRE SOCIETY'S BURSARIES (*Any Faculty*).—Four in number, founded in 1868 and 1879 by the Glasgow Ayrshire Society, and consisting of the free annual proceeds of a sum of £1,501 11s. subscribed by members of the Society, to be devoted to the establishment of Bursaries in the University of Glasgow, and invested for that purpose. The Bursaries, which are at present £15 per annum each, are tenable for not more than three years, and are open to applicants between the ages of 14 and 24, who are descendants of members of the Society, or natives of Ayrshire, or sons of natives resident in Glasgow, who are in circumstances rendering the aid of a Bursary necessary or desirable. Patrons—the Directors and Office-bearers of the Society. Secretary, Mr. James Graham Girvan, 186 West George Street, Glasgow.

Bursars—* John Mackinnon, 1884; * John Rowat, 1884; James Mair, 1885; James M. Crawford, 1885.

BAXTER BURSARY (*Arts and Theology*).—Founded in 1776, by Mr. Daniel Baxter, bookseller, Glasgow. The Patrons are the Principal, the Professor of Divinity, the Regents, the Magistrates, the Dean of Guild, the Convener, and the Ministers of the City. It is tenable for five years. Value, £8 per annum.

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* Vacant through lapse of time.

By ordinance of the Universities Commissioners, of date 12th July, 1862, restrictions as to parentage are removed; Bursar to pass such entrance examination as may be required by the Senate for the time of Presentation Bursars; to proceed through Arts Course, and pass the examinations for M.A.; and after obtaining the degree, to give regular attendance as a student of Theology in the University.

Bursar.—Charles H. M'Ilraith, 1884.

Biggart Memorial Bursaries (*Arts*).—Ten in number. Value, £25 per annum each. Founded in 1876 by Mr. Thomas Biggart, of Baidlandhill, Dalry, Ayrshire, in memory of his son, Thomas Biggart, an alumnus of Glasgow University, who died in 1874. The Bursaries are open to competition at the Annual Bursary and Preliminary Examination to students who are entering on the Arts Course at the University of Glasgow, with a view to the ministry of the United Presbyterian Church, and are designed to enable such students more easily to pursue that curriculum and obtain, as far as practicable, the Degree of Master of Arts.

The Bursaries are tenable for four years.

The Bursary Fund consists of the sum of £6,000, invested in real estate in Scotland, and the surplus revenue may be applied to prolong the tenure of any of the Bursars for a fifth year, or to the granting of additional Bursaries on the same conditions as are applicable to the others.

The Bursary is payable by equal moieties on the second day of February and at the close of the Winter Session; and the Bursar, on applying to the Principal for a precept for the second moiety, is required in each year to produce, besides the usual certificate from the Professors, a certificate signed by the Chairman and Clerk of the Theological Committee of the U.P. Synod, to the effect of his being recognized by that Church as an accepted student, pursuing his studies with a view to the ministry therein.

Bursars—* Henry Brown, 1883; * David A. Harrower, 1883; David R. Alexander, 1884; John A. Shannon, 1884; Thomas Wright, 1884; David R. W. Scott, 1885; David Mackie, 1885; Thomas R. Barnett, 1886; Andrew R. Low, 1886; John Weir, 1886.

Black Bursaries (*Arts*).—Founded by Mrs. Janet Black, widow of the Rev. William Black, D.D., minister of the Barony Parish, Glasgow. Mrs. Black died in 1876, and by her Settlement, made provision, *inter alia*, for the institution of two Bursaries in Arts, each of the annual value of £20 or thereby. The Bursaries are open to competition to students entering on their first session in the University; and the Bursars are required to attend the qualifying courses for a Degree in Arts. (One vacancy).

Bursar—John Gillies, 1886.

* Vacant through lapse of time.

Black Bursaries (*Theology*).—Founded by Mrs. Janet Black—who died in 1876—in memory of her husband, William Black, D.D., Minister of the Barony Parish of Glasgow. The Bursaries are entrance Bursaries, two in number, each of the annual value of £40 or thereby, tenable for three years. The competition is open to candidates holding a degree in Arts in any Scottish University, or who have passed their examinations in any two departments for graduation in Arts. Candidates must be members of the Established Church of Scotland.

Bursars—*Hugh F. Callan, 1884; Robert Kilgour, M.A., 1886.

Blackquarry School Bursary (*Arts*).—Founded in 1876 by the Trustees of the Blackquarry School, Port Dundas, Glasgow. The Police Board of Glasgow having acquired the school compulsorily under "The Glasgow Police Acts," the Trustees resolved to apply the proceeds, after payment of all claims upon the institution, in founding a Bursary in the University of Glasgow. The Bursary is open to competition to Students in the Faculty of Arts on their first entering the University, under the same regulations as those of the competition Bursaries in the University, and is tenable for four years, subject to the condition that the Bursar shall attend the qualifying course for the Degree of M.A. Value, the annual income of a sum of £420 (about £15).

Bursar—Thomas G. Sloan, 1885.

Boyd Bursaries (*Theology*).—In 1635, Mr. Zachary Boyd founded three Bursaries for students in Divinity, tenable for two or four years. Value, £5 10s. per annum each. The patrons of two were the members of the City Council; and the appointment of the third was vested in the Merchants' House of Glasgow. Preference to burgesses' sons, particularly of the name of Boyd.

By ordinance of the Universities Commissioners, of date 17th May, 1862, the two Bursaries in the gift of the Town Council were conjoined into one, tenable for three years; the Bursar to be M.A. The Bursary in the gift of the Merchants' House is now combined with the Sanders Bursary—(See below).

Bursar—(Town Council)—Thomas Brown, M.A., 1885.

Boyd and Sanders Bursary (*Theology*).—The Boyd Bursary (see above), value, £5 10s., in the gift of the Merchants' House of Glasgow, and the Sanders Bursary, value £8 6s. 8d., founded in 1728 by Mr. Robert Sanders of Auldhouse, also in the gift of the Merchants' House, were, by an order obtained under the authority of the Endowed Institutions Commission in 1880, conjoined into one Bursary of £13 16s. 8d. per annum, tenable for not more than three years by a student attending the ordinary curriculum in the Faculty of Theology at the University of Glasgow. There is a preference, *cæteris paribus*, to the names Boyd, Sanders, Corbet,

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* Vacant through lapse of time.

Colquhoun, and Wardrop. Applications to be lodged with Wm. H. Hill, Esq., Clerk of the Merchants' House, on or before 1st October.

Bursar—Hugh Caldwell, 1886.

Brand Bursaries (*Arts*).—Mr. Robert Brand, son of the late Mr. Robert Brand, coalmaster, Wishaw, by his Trust Disposition and Settlement, dated 28th June, 1873, directed his Trustees "to pay to the Senatus of the University of Glasgow the sum of £2,000, the income of said sum to be applied in payment of three Bursaries in Arts for the behoof of students in the University who shall be studying with a view to the ministry of the United Presbyterian Church." Mr. Brand died on 3rd July, 1873, but, in consequence of litigation, it was not till January, 1875, that the bequest, amounting, with interest, to the sum of £2,121 7s. 5d., was paid by the Trustees to the Senate. The Bursaries, which are tenable for four years, are of the annual value of about £26 each, and are awarded by public competition to students entering their first or second session in the Faculty of Arts; the Bursars to graduate as M.A. at the end of their course.

Bursars—*William C. Allan, 1883; Joseph K. Johnston, 1884; David Connor, 1886.

Brisbane Bursary (*Medicine*).—Founded by Miss Christian Brisbane in 1777, in fulfilment of the intentions of her brother, Dr. John Brisbane, of Balbegno. Their father, Dr. Thomas Brisbane, was the first Professor of Anatomy in this University.

It is tenable by a student of Medicine for four years, and the salary is about £45 per annum. The family of Brisbane and the College present alternately. The applicant must be under twenty-two years of age, and must have the Degree of M.A.

Preference is given to the kin of the founder.

Bursar—John F. Fergus, M.A., 1884.

Brown Bursary (*Arts*).—Founded in 1697 by Colonel Brown, of Maryland. Tenable for four years. Value, £5 per annum (increased to £6 13s 4d. by addition from Students' Bursary Fund). The Patrons are the Principal and Professors of the University, who now award it by competition.

Bursar—*John Torrance, 1883.

Brown or Ettles Bursaries (*Theology*).—Two in number, founded in 1867 by Miss Ettles, of Inverness, in memory of her brother-in-law, Dr. E. Brown, an alumnus of this University. The Bursaries consist of the annual interest and proceeds of a sum of £1,000, and are open to competition to first year's students of Divinity who have passed all the examinations required for the ordinary Degree of M.A.; with a preference, *cæteris paribus*, to such as can speak Gaelic. The Bursaries are tenable for three years.

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* Vacant through lapse of time.

Bursars—James Craig, 1885; James S. Carswell, M.A., 1886.

EBENEZER BROWN BURSARY (*Arts*).—Founded in 1884 under the Trust Disposition and Settlement of Mr. Ebenezer Brown, export bottler, West Campbell Street, Glasgow. Mr. Brown, who died on 31st July, 1883, bequeathed to the Senate the sum of £1,000, free of legacy duty, for the purpose of founding and maintaining a Bursary in the Faculty of Arts, to be granted to the student who shall stand highest in a competitive examination on such subject or subjects in Arts as the Senate may prescribe. The Senate have full power to vary such subject or subjects from year to year, and to lay down such regulations regarding the Bursary as they may see fit. The Bursary is open to competition to all students entering on their first or second year of attendance, provided that no student in his second year shall be eligible who on entering upon his first year of attendance passed the Preliminary Examination in Latin and Greek, and in consequence of having so passed attended the Senior Classes of those subjects. It is tenable for three years.

Bursar—James Moffat, 1886.

BROWN (SALTCOATS) BURSARY (*Arts*).—Founded in 1872 by Mr. Matthew Brown, of Braehead, Saltcoats, sole-acting Trustee and Executor under the Trust Disposition and Settlement of his kinsman, Mr. William Brown, junior, of Parkhead, Saltcoats, who died 13th February, 1871, and in fulfilment of the intention of his said kinsman. Value, the yearly proceeds of a sum of £300, presented to Mr. William Brown at a public banquet held in his honour, and which he had set apart to be applied for the foundation of a Bursary in connection with the University of Glasgow. Tenable for four years by a student in Arts. Preference is given in the first place to one who is either a native of the town of Saltcoats, or at the time a permanent resident in Saltcoats, provided he shall be found, on such examination as the Trustees may prescribe, properly qualified by his education for entering the University; whom failing, such a one, qualified as aforesaid, as has been by birth, residence, or relationship connected with Saltcoats; and failing such, then a student whom they shall find on public examination to be best qualified and most deserving of such nomination.

Patrons—Mr. Matthew Brown, Mr. Gavin Fullarton, of Kerelaw, Stevenston; the Ministers of the parishes of Ardrossan and Stevenston; the Chairman of the Stevenston Parochial Board; the Senior Justice of the Peace, Saltcoats; the Principal of Glasgow University, and the heirs male of Mr. William Brown, jun. Applications to be made to Mr. James Campbell, Saltcoats.

Bursar—* John C. Hamilton, 1883.

BROWNE (AYRSHIRE) BURSARIES (*Arts*).—Two in number, tenable for four years, and each of the annual value of about £17 10s., founded in 1871 by Mr. Hugh Browne, residing at Darvel, in the county of Ayr, who for this purpose, and in memory of his brother, the late Dr. Alexander Browne, of Buenos Ayres, mortified to the University of Glasgow the sum of £1,000. The Bursaries are awarded by competition. Candidates must be natives of the county of Ayr, or must have been educated for not less than four years in a school within the said county, and must be entering on their first session at the University.

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* Vacant through lapse of time.

Bursar—* John W. Bryson, 1883 ; William Metcalfe, 1885.

BUCHANAN BURSARIES (*Arts*).—Founded by the late Robert Buchanan, LL.D., Ardtillayne, Dunoon, formerly Professor of Logic and Rhetoric in the University of Glasgow, by codicils to his Will, dated 26th December, 1871, and 26th March, 1872, in which, as a "token or expression of his gratitude and respect to the University of Glasgow, with which as a student, or Professor, or member of the University Court, he had been connected for the space of fifty years," he bequeathed the sum of £1,000 for the purpose of founding a Bursary or Bursaries for students in the Faculty of Arts, on the conditions that might appear to the Senatus best for the interests of the University. The Senate resolved to apply the annual proceeds to the support of two Bursars in Arts, each to hold his Bursary for three years, subject to the usual condition of attending two of the classes of the curriculum in each session ; the Bursars to be appointed by competitive examination among students of the first year. Present value, £18 to each Bursar.

Bursars—James Holm, 1886 ; David B. Pattison, 1886.

BUCHANAN (BELLFIELD) BURSARIES (*Arts and Theology*).—Founded in 1875, in accordance with the Trust Disposition and Deed of Settlement of the late Misses Margaret Jane and Elizabeth Buchanan, of Bellfield, Glasgow. The Bursaries are two in number, and consist of the yearly proceeds of a sum of £4,200, vested in reduced 3 per cent. annuities. Open to matriculated students who may be prosecuting their studies at the University of Glasgow, with a view to their becoming licentiates and clergymen of the Established Church of Scotland. The Patrons are the Principal and such of the Professors as hold their appointments from the University Court. The Bursaries are tenable during the whole curriculum, "or such portion thereof as to the said Principal and Professors may seem proper." The Bursars are appointed by competitive examination among students of the first and second years in Arts. Present value, £53 per annum to each Bursar.

Bursars—John Reid, 1886 (1882) ; Daniel Kirkwood, 1883.

CELTIC SOCIETY'S CAMPBELL BURSARY (*Any Faculty*).—Founded in 1869 by the Glasgow Celtic Society. Value, at least £5. Tenable for one or more years by a native, or a son of a native, of the High-lands of Scotland, not under 14 nor above 20 years of age, whose circumstances are such as to render aid important. A preference, *cæteris paribus*, to Gaelic-speaking students. Additional Bursaries not exceeding £5 are also granted by the Society, when its funds permit, to Gaelic-speaking students. Applications to be made to the Honorary Secretary, Mr. Charles M. Williamson, 194 West George Street, Glasgow, on or before 1st October in each year. Application forms may be obtained from Mr. Williamson.

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* Vacant through lapse of time.

Bursars—D. A. Cameron (Campbell Bursary), 1883; Duncan Henderson (Society Bursary), 1883.

GEORGE A. CLARK BURSARIES OR SCHOLARSHIPS (*Arts, etc.*)—(See under "Scholarships.")

JOHN CLARK (MILE-END) BURSARIES (*Arts*).—Founded in 1868, in accordance with the Trust Disposition and Deed of Settlement of the deceased Mr. John Clark, junior, of the firm of John Clark, junior, & Co., thread manufacturers, Mile-End, Glasgow. By a Deed of Constitution of date 1st August, 1866, the "Clark Bursary Fund" is placed under the management of twelve trustees. The Bursaries are to be at least two in number, of the annual value of £30, open for competition to all Protestant students of good moral character, sons of Protestant parents, entering on their first session in the Faculty of Arts (a preference, *cæteris paribus*, given to orphans), and are tenable for four years, subject to the condition that the Bursars proceed through the curriculum of Arts in Glasgow University. The competition is to be in writing, and the trustees are to appoint the subjects of examination. The Bursary fund consists of the residue of the Testator's estate, said residue amounting to upwards of £30,000. Four Bursaries on this foundation will be competed for in November, 1887.

Bursars—* Robert Langmuir, 1883; * James G. M'Naught, 1883; * William R. Walker, 1883; John G. Cumming, 1884; James F. Gemmill, 1884; Hugh Kerr, 1884; David W. Macdonald, 1884; Malcolm MacNicol, 1884; Hugh Walker, 1884; Robert T. Jack, 1885; David H. Gillan, 1885; John Paterson, 1885; Hugh D. C. Maclachlan, 1885; James P. Wilson, 1885; Daniel Lamont, 1885; Joshua Ferguson, 1886; John Liddell, 1886; John E. M'Fadyen, 1886; Hugh M'Pherson, 1886; Nicholas Macnicol, 1886; Peter Pinkerton, 1886.

COWAN BURSARIES (AYR ACADEMY) (*Arts*).—These Bursaries were founded by the late David Cowan, Esq. of Auchendrane, who bequeathed to the Directors of the Ayr Academy the sum of £2,000, to be invested and held by them in trust, and the annual income thereof applied as Bursaries, to promote the education of two students, one at each of the Universities of Edinburgh and Glasgow, who shall have received their previous education, or part of it, at Ayr Academy. The Founder further directed by his will that candidates should undergo a competitive examination, and that the tenure of the Bursaries should be for two years. The Bursaries are two in number, of the annual value of £35 sterling each, and are open to all students of either the Fifth or the Sixth Class (Classical Section) in Ayr Academy who have attended that institution for at least two sessions before the date of the competition. On a vacancy, intending candidates must send in their names and addresses to the secretary on or before the fifteenth day of October; and the Senate of the University of Glasgow undertakes the examination of candidates who offer themselves for the Bursary to be held at this University.

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* Vacant through lapse of time.

No student who has gained a Cowan Bursary shall hold along with it any other Bursary. Each holder of a Cowan Bursary shall, during his tenure thereof, give attendance each session in two or more of the classes in the Faculty of Arts necessary for the Degree of M.A.; and previous to enrolling himself as a student in any of these classes, he shall, if required to do so, intimate to the Secretary of the Academy or to the Rector, the particular course of study which he wishes to follow while holding the Bursary, that the same may be approved of by the Directors. Further information will be afforded by the Secretary, Mr. W. F. M'Cubbin, Ayr.

Bursar—(At Glasgow University)—*James Lucas, 1885.

Craig Bursary (*Arts*).—Founded by Mr. John Craig, merchant in Glasgow, in 1697, for students in Philosophy. Tenable for four years. Preference to kindred of Founder, and students of name of Craig. Value, £8 6s. 8d. per annum, increased by the Patrons in 1880 to £25. Appointment by the Merchants' House. Applications to be lodged with W. H. Hill, LL.D., Clerk to the Merchants' House, on or before 1st October of the year in which a vacancy occurs.

Bursar—Donald Campbell, 1886.

Archibald Craig Bursary (*Arts*).—The Rev. Archibald Craig, some time minister of the Free Church at Dalton, thereafter residing at Eaglesham, who died on 10th March, 1873, by his Will, dated 4th March, 1873, bequeathed a sum which, with accretions, now amounts to £250, to be devoted to the foundation of a Bursary in the University of Glasgow. The trustees of the Bursary Fund are —the Minister for the time being of the Parish of Eaglesham, the Minister for the time being of the United Presbyterian Church, Newton-Mearns, and certain other gentlemen. The Bursary was founded in 1884. It is open to competition, at the annual Bursary Examination, to all students entering on the first session of attendance at the University, who are natives of the parishes of Eaglesham or Mearns, or who for two consecutive years have attended school in either of said parishes; is awarded by the Senate in accordance with the result of that examination; and is tenable for the first two years of such student's attendance at the University. The Bursary is payable at the close of the winter session. Should the Bursary be in abeyance during any session or sessions, from failure of students falling under the above description, the accumulation may, in the discretion of the trustees, be applied to the increase of the Bursary in any subsequent session or sessions, or may be added to the capital fund. (Vacant.)

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* Vacant through lapse of time.

CRAWFURD OR BISHOP'S BURSARY (*Arts*).—Founded by Captain Thomas Crawfurd, of Jordanhill, in 1576. Appropriated to a student in Languages. Tenable for four years. Value, a chalder of meal (£15 or thereby) per annum. The Patrons are the Principal and the Professors of the University.

By ordinance of the University Commissioners, 7th June, 1862, this Bursary is placed upon the same footing as the Forfar Bursaries (for which see p. 169). *Bursar*—Herbert Reid, 1885 (1884).

CUNNINGHAME BURSARIES (*Law*).—Mr. Andrew Cunninghame, Town Clerk Depute of Glasgow, who died in 1886, bequeathed to the University, free of legacy duty, £5,000, for the purpose of completing the tower, and also £350, the annual revenue of which was to be applied in purchasing a gold medal as a prize in the class of Mathematics. He also bequeathed to the Senate £2,000 for two Bursaries in connection with the Scots Law and Conveyancing Classes. The terms and conditions on which these Bursaries are to be awarded and held are to be fixed by the Senate upon the advice of the Professors of Scots Law and Conveyancing, and will be published in the "Calendar" of next year.

DAVIDSON BURSARIES (*One in Arts and one in Medicine*).—Two in number, founded in 1881, in terms of the Trust Disposition and Settlement of Mrs. Eliza Davidson who bequeathed £2,000 for that purpose, the one bursary being in memory of her husband, John Davidson, surgeon, Newmilns, and the other in memory of her son, Francis John Ferguson Davidson. A preference is given, *cæteris paribus*, to the Founder's relatives, and to young men natives of the parishes of Muirkirk, Dalserf, Lesmahagow, and Loudon. One of the Bursaries is open to competition to students of the first or second year in the Faculty of Arts, and is tenable for three years, but the second moiety of the third year's Burse is not payable until the Bursar shall have obtained two out of the three Departmental Certificates for the Degree in Arts. The other Bursary, also tenable for three years, is awarded to the medical student who stands first in the First Professional Examination, provided that his attendance at the classes has not exceeded the requirements of the Ordinance. The Bursary in Arts will be open to competition at the commencement of Session of 1888-9. The Bursary in Medicine will be awarded at the close of the Medical Professional Examinations in October, 1889.

Bursar in Arts—Abraham Levine, 1885.

Bursar in Medicine—John M'C. Johnston, 1886.

DENNY BURSARIES (*Any Faculty*).—Four in number, founded in 1875, by Mr. Peter Denny, engineer and shipbuilder, Dumbarton. Value, not less than £30 per annum each, and tenable for four years. Open for competition to all students entering the University who are not under fourteen years of age, and who have been pupils in regular attendance at the Dumbarton Burgh Academy for at least two years, one of which must be immediately preceding the date of such entry. One of the Bursaries will be competed for at the beginning of next session. The examination will be in the same subjects and at the same time as the examination for the other competition Bursaries. The Trustees are Mr. Peter Denny, Mr. John M'Ausland, the Principal and Professors, and the Assessor of the General Council in the University Court.

Bursars—*Joseph L. Craig, 1883 ; Peter Thomson, 1884 ; Andrew B. Houstoun, 1885 ; John D. Cormack, 1886.

GLASGOW DUMFRIESSHIRE SOCIETY'S BURSARIES (*Any Faculty*).—Two in number, the one founded in 1874 and the other in 1876. Value, £15 per annum each, tenable for four years. Consists of the annual proceeds of a sum invested for the establishment of Bursaries in Glasgow University, and subscribed by members of the Glasgow Dumfriesshire Society. The Bursaries are open to first and second year's students, between the ages of 14 and 21, who are either descendants of members of the Glasgow Dumfriesshire Society, or natives of Dumfriesshire, or sons of natives resident in Glasgow, whose circumstances render the aid of a Bursary necessary or desirable. Application to be made to the Honorary Secretary, Mr. Thomas H. Carmichael, 176 Ingram Street, Glasgow, not later than 1st September of the year in which a vacancy occurs.

Bursars—Andrew Halliday, 1884 ; Archibald G. Sanders, 1886.

DUNCAN'S BUTE BURSARIES (*Arts*).—Founded in 1875 for the benefit of natives of the island of Bute, by Mr. James Duncan of Valparaiso, and afterwards of Rothesay, who by his Will of date 19th October, 1874, bequeathed £2,000 for this purpose. The Trustees and Patrons are the Principal, the Professor of Mathematics, the Professor of Natural Philosophy, and the Provost of Rothesay, all for the time being. Candidates must be natives of the island of Bute, and must be entering on their first or second session in the Faculty of Arts at the University. The Bursaries are two in number, tenable for four years ; but the Patrons may in each case continue the Bursary for a fifth year to assist a student who may have been assiduous in his Academical studies, in private study, or in Continental travel, or other pursuits conducive to relaxation, combined with enlargement of his experience of men and things. The examination is in the same subjects and at the same time as the examination for the other competition Bursaries. There is a preference, *cæteris paribus*, to the name of Duncan, in such degree as the Patrons shall determine; in other cases of equality the Bursary may be divided. Present value, £35 to each Bursar.

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* Vacant through lapse of time.

Bursars—*Robert L. M'Kirdy, 1882; Hugh Black, 1884.

DUNDONALD BURSARIES (*Eight in Arts and Six in Theology*).—In 1672, William, Earl of Dundonald, founded seven Bursaries—four in Philosophy and three in Divinity. The Philosophy Bursaries are tenable for four years; the Divinity Bursaries for two years.

The Bursars in Philosophy receive £40 each per annum, and those in Divinity, £41 2s. 6d. The appointment is now vested in the Duke of Hamilton.

In 1858, the surplus funds of this foundation having greatly accumulated, an Act of Parliament was obtained, authorizing an increase in the number of Bursars, but providing that the total number of Bursars in Philosophy shall, at all times, bear to the number of Bursars in Divinity the proportion of four to three, as nearly as may be. The Bursaries are now fourteen in number—eight in Philosophy and six in Divinity.

Bursars in Philosophy—*Robert H. Kerr, 1883; *William M. Williamson, 1883; Donald M'Donald, 1886; James Fullarton, 1886.

Bursars in Divinity—Andrew Baird, 1886; William MacGill, 1886. (One vacancy.)

JAMES EWING ENTRANCE BURSARIES (*Arts*). Four in number, founded in 1879, by the Merchants' House of Glasgow, in accordance with the Deed of Endowment of the late Mr. James Ewing of Strathleven. The Directors resolved to apply annually £80 of the income of his legacy of £10,000 for educating, training, and settling in business the sons of Glasgow merchants in entrance Bursaries of £20 each. The Bursaries are tenable for four years by Students giving regular attendance on classes in the Faculty of Arts. Open to first year's students. The appointments to the Bursaries will be made in accordance with the annual Bursary competition at the commencement of the session; candidates to be qualified as above. Applications to be lodged with Wm. H. Hill, LL.D., Clerk of the Merchants' House, on or before 1st October, in each year. (One vacancy.)

Bursars—Fred. G. M'Killop, 1884; William Thomson, 1885; J. Campbell Smith, 1886.

EXCHEQUER BURSARIES (*Arts and Theology*).—These Bursaries, six in number, were founded by King William III., in 1695. They are tenable for six years; the first in Logic, the second in Moral Philosophy, the third in Natural Philosophy, and the last three in Divinity. In case of a vacancy by death or otherwise, a student of the same standing with the late Bursar is appointed for the remainder of the time. The Bursars in Philosophy receive £10 per annum each, and those in Divinity £13 6s. 8d. The Patrons are the Lords of the Treasury, who select one out of a list of six students transmitted to them by the Senate. (Regulated by Act of Parliament, 1758.)

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* Vacant through lapse of time.

Bursars—*Robert Logan, 1884 (1881); Thomas Munn, 1885 (1882) (Divinity); Alexander Andrew, 1886 (1883) (Divinity); Henry Brown, 1884 (Divinity); John White, 1885 (Nat. Phil.); Hugh S. Given, 1886 (Mor. Phil.).

JAMES FERGUSON BURSARIES (*Theology, Law, Medicine, or Department of Engineering Science*).—Two in number, founded in 1877, under provision of the Trust Disposition and Settlement of the late James Ferguson, Esq., of Wiston, and consisting of the annual proceeds of a sum of £3,600. The Bursaries are tenable for two years in any of the three Faculties of Divinity, Law, or Medicine, or in the Department of Engineering Science. The Bursaries are awarded for special proficiency in Arts studies, according to the following rotation, viz.:—In November, 1878, and thereafter, triennially, in Mental Philosophy, including English Literature; in November. 1879, and thereafter, triennially, in Mathematics; in November, 1880, and thereafter, triennially, in Classical Literature. The Examination is the same as that for honours in the corresponding department (with the addition in the case of the Department of Mental Philosophy of a paper on English Literature), at the annual Examination for Degrees in November. Candidates must have completed the course of attendance required for admission to examination in the corresponding department for the Degree of M.A. Each Bursar must pursue the course of study for such Degree in Divinity, Law, Medicine, or Engineering Science, as he may, with approval of the Senate, select. In the event of a successful candidate not having completed attendance on the Arts classes necessary to qualify for the Degree of M.A., he shall be at liberty, without forfeiting his right to the Bursary, to continue his studies in Arts for two years, in order that he may complete his qualifications for graduation; but no part of the Bursary shall become payable until he has selected and entered upon a course of study in one of the three Faculties above mentioned, viz.:—Divinity, Law, or Medicine, or in the Department of Engineering Science. While the Bursary is tenable for two years of such course, the Bursar must continue his attendance on classes beyond the two years, if this be necessary for graduation or for receiving the Certificate of Proficiency in Engineering Science. The Bursar shall not receive payment of any half-yearly Burse without such evidence as the Senate may require that he is faithfully pursuing the selected course, and shall not receive payment of the fourth half-yearly Burse until he has graduated or

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* Vacant through lapse of time.

*received the Certificate of Proficiency in Engineering. Unless a candidate comes up to at least the standard of Second Class Honours, the Senate shall not be bound to award the Bursary. There is a preference, *ceteris paribus*, to young men natives of the parishes of Lesmahagow or Muirkirk, or the province of Pictou, Nova Scotia, and also to young men of the name of Ferguson or Weir, or to descendants and relatives of the founder.

Candidates for the Bursary to be competed for in 1887 will be examined in Mental Philosophy, including English Literature, on Saturday, 29th October; Wednesday and Thursday, 2nd and 3rd November, along with the examinations on these subjects for the Degree of M.A. Names to be given in to the Assistant Clerk (Matriculation Office) not later than 1st October.

Bursars—*Laurence Crawford, 1885; David Smith, 1886.

FORFAR BURSARIES (*Arts*).—Founded by the Countess of Forfar in 1737, and foundation remodelled by the Universities Commissioners, by ordinance of 31st May, 1862. There are now four Forfar Bursaries in the gift of the Senate: the holder of each to receive £20, if the funds allow. These Bursaries are open for competition to all students entering the first or second session of attendance in the Faculty of Arts, and are tenable for four years; subject to the condition that the Bursar shall pass the examinations required of students proceeding to the Degree of M.A. In the event of a vacancy occurring otherwise than by lapse of time, a student of the same standing as the late Bursar may then be appointed for the remainder of the period, otherwise the Bursary continues vacant till the end of that period.

Bursars—Donald M'Lachlan, 1884; James H. Maclean, 1885; Charles H. Brown, 1886. (One vacancy.)

FORREST BURSARIES (*Any Faculty*).—Founded by Mr. William Forrest of Easter Meadowhead, Drumgelloch, and Meadowside, by Deed of Mortification, of date 6th March, 1858. The Trust was reconstituted in 1886, under a Scheme of the Educational Endowments Commission. The Bursaries are five in number, each of the annual value of £22, and tenable at the University of Glasgow, for such number of years, not exceeding five, as the Governors may determine. The Bursaries are awarded by competitive examination among young men who require aid in obtaining a University education, and who have been pupils in public or State-aided schools within the parishes of New Monkland, Slamannan, and Shotts, or who are natives of said parishes. Bursars cannot hold another Bursary, must prosecute a course for some degree, and attend at least two classes each session.

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* Vacant through lapse of time.

Governors—The Provost of Airdrie, the ministers of the parishes of New Monkland, Airdrie, and Clarkston, one representative from each of the School Boards of Airdrie and Clarkston, and one from the School Boards of Slamannan and Shotts alternately, and one appointed by the Sheriff of Lanarkshire. Secretary and factor, Mr. James Chapman, Town-clerk, Airdrie.

Bursars—*George Simpson, 1886; *Alexander Waddell, 1886; John Yuill, 1886, (2 years); Peter Campbell, 1886, (3 years); John Lithgow, 1886, (3 years).

FOUNDATION BURSARIES (*Arts*).—These Bursaries, four in number, were founded by James VI., in 1577, for students in Languages and Philosophy. The value of each is £10 per annum. The right of presentation belongs to the Senate. By ordinance of the Universities Commissioners, of date 7th June, 1862, these Bursaries are put upon the same footing as the Forfar Bursaries (for which see above).

Bursars—* Hugh R. Beveridge, 1884 (1883); William C. Grosvenor, 1884; Roderick R. Strachan, 1885; John H. Pagan, 1886.

FULLARTON OF OVERTON BURSARIES (*Arts*).—By Deed of Mortification and Constitution, dated 22d December, 1877, the Executors of the late John Fullarton, Esq., of Overton, West Kilbride, Ayrshire, in pursuance of his Trust Disposition and Settlement and codicils, assigned to the Principal and Professors of Glasgow University, as Patrons, the residue of his estate, amounting to £2,604 17s. 7d., for the purpose of founding five Bursaries, more or less, each of the annual value of at least £10, but not exceeding £30. The Bursaries are tenable for two years by students in Arts under 25 years of age, belonging to or resident in the district of Cunninghame, in Ayrshire, children of parents whose means and social position are not above those of tradesmen, small farmers, or shopkeepers, or others who may be struggling to secure their better education, and are by themselves, or with such assistance as they may be able to get from their parents or relations, unable to provide for the expenses of a University education. The Bursaries are awarded by competitive examination in Latin, Elementary Mathematics, and English; but no candidate is eligible who has attended any University for more than one session. A Bursary may be divided between two candidates of equal or nearly equal merit, but as between a candidate who has not previously attended any University and a candidate who has so attended, the former is preferred. A Bursar may attend each session one or more of the classes in the Faculty of Arts, the selection of classes being left to his own option. The estate is in the meantime burdened with annuities amounting to the sum of £40 sterling. Any accumulations through vacancies are added to the capital sum. Candidates are required to produce evidence of age. (Three vacancies.)

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* Vacant through lapse of time.

Bursars—*Robert Fulton, 1885; *John Muir, 1885; William Stevenson, 1886.

General Council Bursaries (*Arts*).—Under a scheme originated by Mr. David Hannay, clerk to the General Council, a sum of about £500 (Fund No. I.) was raised by subscription among the members of Council for the foundation of Bursaries to be held for three years, and to be open to competition to first and second year's students in Arts. This fund will be exhausted by the payments to the Bursars already appointed. In addition, a sum of £2,300 (Fund No. II.) has been raised to form the nucleus of a permanent General Council Bursaries Fund. Of this sum £1,000 is due to the liberality of the Rev. Wm. Park, D.D., minister of Airth, to be applied in memory of his late brother, the Rev. John Park, D.D., minister of Cadder. With Dr. Park's consent, this sum is to be appropriated to two Park General Council Bursaries of £20 a-year, tenable for two years.

Bursars—*John Pollock, 1884 (£20); *James Carslaw, 1885 (Park, £20); John Brownlee, 1885 (£20); Robert S. M'Kim, 1885 (£20); William S. Brownlee, 1886 (£15); John M. E. Ross, 1886 (£15); Alexander Moncrieff, 1886 (Park, £20).

John Gibson Bursaries (*Any Faculty*).—Founded in 1877 by Miss Jane Gibson, in memory of her father, John Gibson, of Oakbank and Johnstone, merchant in Glasgow. The Bursaries, which may be given to one student, or at most two, consist of the annual proceeds of £1,000. The administration is vested in trustees, who have great discretionary powers as to the conditions on which the Bursaries may be held. They intend to appoint to the Bursary now vacant a student of Medicine of the second year.

Applications to be made to James Graham, Esq., writer, 198 West George Street, Glasgow, who will furnish forms of application.

Bursars—*James Adam, M.A., 1884; John Clarke, 1886.

Gilchrist Bursary (*Arts*).—Founded by Mr. John Gilchrist, in 1700, for a student in Philosophy, being the son of a tradesman freeman in the Burgh of Glasgow. Preference to names Gilchrist, Bryce, and Boyd. Value, £8 per annum. Appointment by the Trades' House.

Bursar—J. C. Gordon Laird.

Gilhagie Bursary (*Theology*).—Founded in 1753 by Agnes Gilhagie, widow of William Somerville, merchant in Glasgow, for a student in Divinity. Tenable for four years. Value, £6 6s. per annum. Appointment by the Magistrates, Town Council, and Ministers of Glasgow.

Bursar—Samuel Thomson, 1886.

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* Vacant through lapse of time.

Glasgow City Educational Endowments Bursaries.—Under scheme 10, section 31, of the Educational Endowments (Scotland) Commission, approved by Her Majesty in Council, on 19th May, 1885, the Governors of the Glasgow City Endowments Board are instructed to apply the annual sum of £500 in establishing Bursaries at the University of Glasgow. Each Bursary is of the yearly value of £25. One half of these Bursaries are to be awarded among the Queen's Scholars at Training Colleges who have attended two years at the University of Glasgow, on the report of the Board of Examiners appointed by the Scotch Education Department. Every Queen's Scholar obtaining such Bursary shall be taken bound to complete his curriculum for a degree in Arts or Science during the time he holds the Bursary, and thereafter to submit himself for examination for such degree. The other half of the Bursaries are to be awarded by competitive examination among those who have attended public or State-aided schools in Glasgow, and who require aid in obtaining a University education. They are tenable for four years. Forms of application may be had from the Secretary of the Board—the Rev. F. L. Robertson, D.D., Hutchesons' Buildings, Ingram Street—and should be lodged with him on or before the 1st day of October in each year. The names of candidates who are found to possess the prescribed qualifications will be sent by him to the Clerk of Senate that they may be entered at the University competition for Bursaries for the first year. The Bursaries will be awarded to those candidates highest in order of merit who fail to win a Bursary at the general competition. In 1887 two Bursars will be appointed.

Bursars—James Anderson, 1886; William H. Bell, 1886; George Smith, 1886; Thomas M. Lovell, 1886; William R. Purdon, 1886; Robert B. Douglas, 1886; William J. Philp, 1886; John Selkirk, 1886.

George Grant Bursary (*Arts*).—Founded in 1885 by Miss Susan Smith Grant, of West Thorn, Lauder Road, Edinburgh, in memory of her father, George Grant, Esq., cotton spinner, Mile-end, Glasgow. Miss Grant assigned and conveyed to the Senate the sum of £1,200 in trust, to be applied in all time coming for providing one Bursary in connection with the Faculty of Arts. Miss Grant retains the right of nomination to the Bursary during her lifetime, but has provided that in the event of her failing or declining to nominate, and in all cases after her death, the Bursar shall be determined by competitive examination of first year students who are entering on a three or four years' course of study, and the Bursary shall be tenable for three or four years accordingly. On the Bursary falling vacant otherwise than by lapse of time, an appointment may be made for the remainder of the term, or for the full period after competition. The Bursar is required to graduate in Arts, and before payment of the second moiety of the last year's Bursary he must produce evidence that he has taken his degree, or that he has obtained all the certificates necessary for graduation. Any accumulations from vacancies or otherwise are to be added to the capital sum.

Bursar—Jas. H. Grant, 1885.

GEORGE GRANT, JUNIOR, BURSARY (*Arts*).—Founded in 1885 by Mrs. Agnes Grant or Mair, wife of the Rev. John Mair, D.D., minister of the parish of South Dean, Roxburghshire, in memory of her brother, the late George Grant, junior, cotton manufacturer, Mile-end, Glasgow. Mrs. Mair, with the advice and consent of her husband as her curator and administrator-in-law, and for his interest in the premises, assigned and disponed to the Senate the sum of £1,200 in trust, to be applied by them in all time coming for providing one Bursary in connection with the Faculty of Arts. Mrs. Mair reserves to herself during her lifetime, and thereafter to her husband, should he survive her, the right to nominate to the Bursary, and to fix the classes to be attended by the Bursar and the period of his tenure. After the death of the survivor the period of tenure of the Bursary is to be four years, and the Bursar is to be selected by competitive examination of first year's students. In the event of a vacancy occurring otherwise than by lapse of time an appointment may be made for the remainder of the term, or for the full period after competition. The Bursar shall require to graduate in Arts, and before payment of the second moiety of the last year's Bursary shall produce evidence that he has taken the degree, or that he has obtained all the certificates necessary for graduation. Any accumulations through vacancies or otherwise to be added to the capital sum.

Bursar—Peter N. Grant, 1885.

HAMILTON BURSARIES (*Arts and Theology*).—These Bursaries, now six in number, were founded by Anne, Duchess of Hamilton, in 1694. The conditions of tenure are exactly the same as in the case of the Exchequer Bursaries; see page 167. The Bursars in Philosophy receive £20, and those in Divinity £25, per annum each. The right of presentation is vested in the Duke of Hamilton. (Regulated by Act of Parliament, 1758.)

Bursars—* William Taylor, 1885 (1881); Donald M'Lean, 1882 (Divinity); Robert L. Bremner, 1883 (Divinity); John C. Hamilton, 1884 (Divinity); Thomas D. M'Ilvean, 1885 (Nat. Phil.); Angus M'Donald, 1886 (Mor. Phil.).

HANNAY BURSARIES (*Arts*).—Three in number, founded in 1865 by Mr. Anthony Hannay, merchant, Glasgow, in memory of his deceased wife. To be awarded to young men, not under fourteen, and not above nineteen years of age, who are about to commence their studies in the Arts classes, with a view to the Holy Ministry in connection with any of the Evangelical Religious Denominations in Scotland, and who shall engage to attend during each of the first three years of the curriculum not fewer than two classes. The principal qualifications of those to be selected are good moral character, promising talent, a fair preliminary education, and a want or deficiency in the necessary pecuniary means for pursuing a University education. Candidates for these Bursaries are required to submit themselves to the annual Bursary Examination at the commencement of the Winter Session of the University of Glasgow, or such other examination as the trustees may appoint; but the result of said examination shall only be taken as one of the tests in judging of the merits of the applicants. The Bursaries to be bestowed for three years—one to be given each year. Value, about £15 per annum each. The appointment is vested in the Principal, the Dean of the Faculty of Procurators in Glasgow, and the President of the Faculty of Physicians and Surgeons in Glasgow. Applications to be made to Mr. Robert Brodie, 77 St. Vincent Street, and also to the Assistant Clerk (Matriculation Office) not later than 1st October.

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* Vacant through lapse of time.

Bursars—* Archibald M'Laren, 1884; John Kennedy, 1885; John Ronald, 1885.

HASTIE BURSARIES (*One in Arts and Two in Theology*).—In 1772 the Rev. Mr. Hastie founded a Bursary for a student in this University. By an addition since made to the foundation, the number of Bursaries is increased to three, two in Divinity and one in Philosophy.

By ordinance of the Universities Commissioners, 31st May, 1862, there are three Bursaries on this foundation, each £20 in value —one in Arts, tenable on the same conditions as the Forfar; the other two in Theology, open to competition to all Masters of Arts of any of the Scottish Universities entering upon the first or second year in Divinity, and tenable for three years.

Bursar in Arts—John M'Donald, 1885.

Bursars in Theology—Thomas H. Weir, M.A., 1885; John Clubb, M.A., 1886.

HOWISON BURSARY (*Arts*).—Founded in 1613 by the Rev. John Howison, of Cambuslang. The Bursar to be a qualified scholar of honest name and good report, son of a craftsman of Glasgow, whom failing, any other qualified scholar selected by the Patrons. Annual value, £9. Appointment by the Trades' House. "The Bursar to pass his course within the College."

Bursar—Henry A. Neville, 1886.

HYNDFORD BURSARY (*Arts*).—Founded in 1617 by Mr. Michael Wilson, for a student in Philosophy. Tenable for four years. Value, £6 13s. 4d. per annum. The right of presentation belongs to the representative of Sir James Carmichael, who is at present Sir W. C. Anstruther, Bart.

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* Vacant through lapse of time.

Bursar—Kenneth D. M'Laren, 1884.

John Ferguson Jaffrey Bursary in Mental Philosophy (*Arts*). —This Bursary, founded in 1877, is of the annual value of £32 10s., "and shall be awarded to a student on entering the third session of his attendance, *i.e.*, a student who has attended at any of the Scottish Universities during each of the two previous sessions at least two classes in the Faculty of Arts other than the classes of Logic, Moral Philosophy, and English Literature, or who, having passed the Preliminary Examination in Humanity and Greek, has attended for one session the higher classes in those subjects, and who intends to prosecute a full course in the Department of Mental Philosophy, including English Literature." Candidates are examined in such subjects in English Literature and Logic as may be fixed by the Senate. The examiners are the Professors of English Literature, Logic, and Moral Philosophy. The Bursary "shall, as a rule, be tenable for two years, but on condition that the Bursar, during the two years of his tenure, shall complete his attendance on the classes in the Department of Mental Philosophy (including English Literature, unless he shall have attended that class during one of his previous sessions), and shall also attend one at least of the advanced classes taught by the Professors of Logic and Moral Philosophy, and shall pass the departmental examination in Mental Philosophy for degrees." The subjects of examination are—Professor Veitch's *Institutes of Logic*, Part I. (Large print only); Descartes (English Translation of 1879 or subsequent edition), sections I., II., III.; *Discourse on Method; Meditations*, I. and II; Spalding's *English Literature*, pp. 169-269; Milton's *Paradise Lost*, Book I.; Zeller's *Socrates and the Socratic Schools* (translated by Reichel), pp. 1-200.

Bursar—*William Moffat, 1885.

Malcolm Kerr Bursaries (*Arts—Nat. Phil., and Medicine—Chem.*) —Two in number, founded in 1874, and consisting each of half the free annual proceeds of a sum of £1,000, bequeathed by the late Mr. Malcolm Kerr, stationer in Glasgow. One of the Bursaries is in Natural Philosophy, the other in Chemistry. The Bursaries are given on examination, and are tenable for three years, provided the Bursars continue for so long to prosecute in the University Laboratories, to the satisfaction of the Senate, the study of Natural Philosophy and Chemistry respectively. The subjects of examination in Natural Philosophy are the same as those for M.A., with Second Class Honours; and in Chemistry, the same as those for M.A., with Honours in Natural Science. Present value, £18 to each Bursar.

Bursar in Natural Philosophy—*Angus M'Lean, 1884.

Bursar in Chemistry—*A. Chas. Farquharson, 1884.

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* Vacant through lapse of time.

THE KINTYRE (KER) BURSARY.—Founded in 1862 by Robert Ker, Esq., of Auchinraith, merchant in Glasgow, and originated in the Founder's desire "to increase the opportunities of acquiring knowledge to the natives of Kintyre."

The Office-bearers of the Kintyre Club were appointed Patrons. By the Deed of Mortification, the free proceeds of a sum of £500 sterling—about £20 sterling—were appointed to be paid to a student to be nominated by them, and who should enjoy the said Bursary for the term of three years while prosecuting his studies at the Glasgow University, with power to the Patrons to determine, in every case, whether the Bursary should be granted for a longer or shorter period than three years, but in no instance is it to be granted for a longer period than four years to the same student. No restriction is placed upon the student as to his profession or calling. Applications to be lodged with the Honorary Secretary of the Kintyre Club, R. Harvey Pirie, LL.B., 173 St. Vincent Street, Glasgow.

Bursar—Donald M'Kinven, 1886.

LAING BURSARY OR BURSARIES (*Arts*).—The late Alexander Laing, LL.D., some time Professor of Mathematics in Anderson's College, Glasgow, who died in 1882, bequeathed to trustees the sum of £500 to found one or two Bursaries in the Faculty of Arts. The trustees by a deed, dated 26th July, 1883, conveyed to the Senate the sum of £500 of the preference 4 per cent. stock of the Glasgow and South-Western Railway Company, under certain conditions and regulations. The foundation is for providing, in the option of the Senate, one Bursary of £20, or two of £10 each. The Bursary is open to competition to all students entering on their first session in the Faculty of Arts (a preference being given, *cæteris paribus*, to natives of Brechin). The period of tenure is three years. Should the Bursary become vacant otherwise than by lapse of time, the income of the fund during the vacancy is to be added to capital.

Bursar—*Hugh A. Blacklaw, 1884.

LAMB BURSARY (*Arts or Theology*).—Founded in 1863, by the late Rev. Dr. William Lamb, minister of Carmichael, and appropriated to a student in Arts or Divinity. Bursar appointed by the Minister and Kirk Session of Carmichael, and a preference given to any applicant in the parish of Kirkmichael or Pittenain, whom failing one may be chosen from any other parish in the Presbytery of Lanark. Value about £11 per annum.

Bursar—*William James Lowrie, 1884.

LEADBETTER BURSARY (*Arts*).—Founded in 1855 by Mr. John Leadbetter, merchant, Glasgow. It is £9 in value and tenable for four years; the Bursar attending Greek and Latin the first year;

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* Vacant through lapse of time.

Logic and Mathematics the second year; Moral Philosophy and Mathematics the third year; and Natural Philosophy the fourth year. Preference to boys who have attended the five years' Classical Course of the High School of Glasgow. Patrons—The Lord Provost and Magistrates.

Bursar—*William M'Auslane, 1883.

LEIGHTON BURSARIES (*Arts and Theology*).—Robert Leighton, Archbishop of Glasgow, founded in 1681 two Bursaries, at present of the value of £9 per annum each. They are tenable for four years in Philosophy, and two or three years in Divinity. On a vacancy, two students are nominated by the Town Council, and examined by the Senate, who prefer the best scholar.

Bursars—John Lewars, 1886; Frederick Dittmar, 1886.

JOHN LEYDEN BURSARY (*Arts*).—Founded in 1879 by the Glasgow Border Counties Association in memory of John Leyden, poet and scholar. The Fund consists of the sum of £429 3s. 8d. raised by subscription. The Bursary is open to free competition under the same regulations as the competition Bursaries in the University. Tenable for three years. The holder to pass through the Arts course, and at the termination thereof to take the Degree of M.A.

Bursar—*Robert K. Hannay, 1884.

OLD LIBRARY BURSARY (*Theology, Law, or Medicine*).—Founded by Mr. Hutcheson, of Lambhill, in 1641. Tenable for four years. Value, £11 2s. 3¾d. per annum. The Bursar must be M.A. Preference to a son of a burgess, particularly one of the name Hutcheson or Herbertson. The Patrons are the Magistrates and Town Council of Glasgow.

Bursar—William G. Galbraith, M.A., 1885.

JAMES LOCHHEAD BURSARY (*Arts*).—Founded in 1886 in terms of the Trust Disposition and Settlement of Mrs. Robina Mitchell, who bequeathed £500 for that purpose, in memory of her brother, who died in Ohio. A preference is given to students of the name of Lochhead, whose parents are members of the Established Church of Scotland, whom failing to students whose parents are members of the said Church. The Bursary is tenable for three years in the Faculty of Arts. (Vacant.)

LOCHHEAD AND MITCHELL BURSARIES (*Arts*).—Two in number and of equal value, founded in 1886, in terms of the Trust Disposition and Settlement of Mrs. Robina Mitchell, who bequeathed £2,000 (free of legacy duty) for that purpose. A preference is given to students of the name of Mitchell or Lochhead, whose parents are members of the Established Church of Scotland, whom failing to students whose parents are members of the said Church. They are tenable for four years in the Faculty of Arts. (One vacancy.)

* Vacant through lapse of time.

LOGAN BURSARIES (*One in Theology and One in Medicine*).—Two in number, one in Divinity and one in Medicine, founded in 1863, by Mrs. Logan, widow of Mr. William Logan, tinsmith in Glasgow. The Bursary in the Faculty of Divinity is tenable for three years, and the one in the Faculty of Medicine for four years. A preference, *cœteris paribus*, is given to the names Logan and Johnstone. The value of each is £15 per annum. Appointment by the Senate.

Bursar in Theology—*David L. Jardine, 1885 (1884).
Bursar in Medicine—John Robertson, 1885.

LORIMER BURSARIES (*Four in Theology, Four in Medicine, and Eight in Arts*).—By Trust Disposition and Settlement, of date 17th October, 1872, the late Mr. John Lorimer, merchant in Glasgow, directed his Trustees to make over to the Principal and Professors of the University of Glasgow, the residue of his estate, amounting to the sum of £8,594 5s. 5½d., the annual proceeds of £5,000 thereof to be applied in payment of Bursaries of an amount not exceeding £50 each, and tenable for three years. One Bursary at least is to be payable to a matriculated student of each of the following subjects:—1, Theology; 2, Medicine; 3, Philosophy; 4, Mathematics; and the proceeds of the remainder of such residue are to be applied in payment of smaller Bursaries tenable by students of the above-mentioned subjects.

The following regulations have been adopted by the Senate:—

1. The Bursaries shall be sixteen in number—namely, eight of the annual value of £25, and eight of the annual value of £18, and shall be tenable for three years.
2. Four Bursaries—viz., two at £25, and two at £18, shall be held by Students of Theology, and shall be open to competition to students entering the Divinity Hall. The second moiety of the third year's Burse shall not be paid until the Bursar shall have passed the examination for the Degree of B.D.
3. Four Bursaries—viz., two at £25, and two at £18, shall be held by Students of Medicine, and shall be open to competition to students who have attended the first session of their professional study in the University of Glasgow, and who have passed in all the seven subjects of the examination in General Education for M.B., or who possess such a degree in Arts as is recognized by the University as exempting from an Examination in General Education. The subjects of examination, which shall be prescribed by the Medical Faculty, are Elementary Anatomy, Elementary Chemistry, and Botany. The second moiety of the third year's Burse shall not be paid until the Bursar shall have passed his Final Professional Examination for the degree of M.B.

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* Vacant through lapse of time.

4. Four Bursaries—viz., two at £25, and two at £18, shall be open for competition to students entering on their third session of attendance, *i.e.*, students who have attended at any of the Scottish Universities during each of the two previous sessions at least two classes in the Faculty of Arts other than the classes of Logic, Moral Philosophy, and English Literature, or who, having passed the Preliminary Examination in Humanity and Greek, have attended for one session the higher classes in those subjects, and who intend to prosecute a full course in the department of Mental Philosophy, including English Literature. Candidates shall be examined in such subjects in English Literature and Logic as may be fixed by the Senate. The Examiners shall be the Professors of English Literature, Logic, and Moral Philosophy. Each Bursar must attend two classes in the Faculty of Arts. Immediately on his appointment, he must enter one or more of the classes of English Literature, Logic, and Moral Philosophy, and in the course of his tenure of his Bursary must attend, besides the above classes, one or more of the higher classes in connection with the classes of Logic and Moral Philosophy. The second moiety of the third year's Burse shall not be paid until the Bursar shall have obtained a Certificate in the Mental Philosophy Department for a Degree in Arts.

5. Four Bursaries—viz., two at £25, and two at £18, shall be open for competition to students entering on their third session of attendance, *i.e.*, students who have attended at any of the Scottish Universities during each of the two previous sessions at least two classes in the Faculty of Arts other than the classes of Mathematics and Natural Philosophy, or who having passed the Preliminary Examination in Humanity and Greek, have attended for one session the higher classes in those subjects. Candidates shall be examined in such subjects in Mathematics as may be fixed by the Senate. The Examiners shall be the Professors of Mathematics and Natural Philosophy. Each Bursar must attend two classes in the Faculty of Arts. Immediately on his appointment he must enter the class of Mathematics, and prosecute the course of study required for obtaining a certificate in the Mathematical Department for a Degree in Arts. The second moiety of the third year's Burse shall not be paid until the Bursar shall have obtained this Certificate.

In session 1887-8 eight of the above £18 Bursaries will be open to competition—viz., two in Theology, two in Medicine, two in Philosophy, and two in Mathematics. The Bursaries in Theology will be decided by the results in the general competition for Bursaries in Theology. The competition for the Bursaries in Medicine will be held along with the examinations for the Rainy Bursary. For the Bursaries in Philosophy the subjects of examination will be those prescribed for the John Ferguson Jaffrey Bursary (see p. 175), and the examination will take place along with the November examinations for M.A. in English and Logic. The examination for the Bursaries in Mathematics will take place along with the preliminary examinations in Mathematics for M.A., but may embrace higher papers.

Bursars in Theology—*Patrick B. Thom, M.A., 1884; *William Struthers, M.A., 1884; John Cameron, 1885; Duncan A. C. Reid, M.A., 1886.

Bursars in Medicine—*J. M. Young, 1884; *Robert G. Reid, 1884; William Primrose, 1885; Oswald Rees, 1886.

Bursars in Arts—*John H. Harley (Phil.), 1884; *William Swan (Phil.), 1884; *James H. Kirkwood (Math.), 1884; *Alexander Paterson (Math.), 1884; Andrew K. Bremner (Phil.), 1885; William Hutchison (Math.), 1885; Ernest F. Scott (Phil.), 1886; Dugald M'Lellan (Math.), 1886.

LUMSDEN BURSARY (*Theology*).—This Bursary was founded in 1850, by Mr. James Lumsden, stationer, Glasgow. Value £15. It is given to a Divinity student of the first year, and may be held for four years. There is a preference to sons of members, or of deceased members of the Stationers' Company of Glasgow. The Patrons, viz., the Principal, the Professors of Divinity, Hebrew, and Church History, and the President of the Stationers' Company—have resolved that when no candidate with a preferential claim applies for the Bursary it shall be awarded in accordance with the results of the competition for Bursaries in Theology.

Bursar--William White, 1886.

LUSK BURSARY (*Arts*).—Founded in 1876, in accordance with holograph settlement executed by Mr. Robert Lusk, merchant in Greenock, who bequeathed the sum of £1,000, reduced by legacy duty to £900, for "a Bursary in connection with the Glasgow University, to be given to the most successful student attending the preparatory course of studies in said University who may intend to follow out the ministry in connection with any of the Presbyterian bodies in Scotland," "and who may, on public examination or competition, be found to be best qualified and most deserving." The competition is open to first or second year's students in Arts. Tenable for three years, but may be continued for an additional year. Present value £33 per annum. (Vacant.)

MACARTHUR BURSARY (*Medicine*).—Founded in 1881 by Miss Jean Macarthur, in memory of her uncle, John Macarthur, Doctor of Medicine in Glasgow. The Bursary consists of the annual proceeds of £500. The administration is vested in a Committee appointed annually by the Faculty of Physicians and Surgeons of Glasgow. The Bursary must be held by a student prosecuting the study of Medicine in the University of Glasgow. Under the rules laid down by the Committee, applicants must have completed two winter sessions of Medical study. Preference will be given to applicants who have taken one or more First Class Certificates in the Medical Classes. The Bursary is tenable for two years.

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* Vacant through lapse of time.

Application to be made prior to 15th April to Mr. Alexander Duncan, Faculty Hall, 242 St. Vincent Street, Glasgow, who will furnish forms of application.

Bursar—Alexander R. Fraser, M.A., 1887.

James Melville M'Culloch Bursary (*Arts*).—Founded in 1885 in memory of the late Rev. James Melville M'Culloch, D.D., minister of the West Parish, Greenock. It consists of the free annual income of about £400. It is open to competition to students of the first year in the Faculty of Arts, who shall have been educated for not less than three years at any school or schools in Greenock. Tenable for four years, the Bursar attending the qualifying course for the Degree in Arts. The second moiety of the fourth year's Burse shall not be paid until the Bursar shall have passed all the examinations required for the Degree of Master of Arts. In the event of a vacancy occurring otherwise than by lapse of time, the Senate may appoint a student of the same standing qualified in like manner, or may arrange a new competition.

Bursars—John H. Kerr, 1886.

Macdonald Bursaries (*Arts, Law, or Medicine*).—Two in number, founded in 1882, in terms of the Trust Disposition and Settlement of Mr. Alexander Macdonald, M.P., who bequeathed to the University £1,000 for the purpose of assisting students in a course of purely secular education. The Bursaries are equal in value and tenable for four years in Arts, Law, or Medicine. Only miners under the age of twenty-one years, who have worked underground in any part of the United Kingdom, are eligible as candidates. The Bursaries are awarded in accordance with the results of an examination in general knowledge, particularly in writing, arithmetic, geography, grammar, and history. An examination for the filling up of one or both of the Bursaries will be held in October, 1887. Candidates are required to give in their names, with certificates, to the Assistant Clerk (Matriculation Office), not later than Wednesday, 22nd September. (Two vacancies.)

John and Isabella Macdougall Bursaries (*Arts*).—Founded in 1884, under the Trust Disposition and Deed of Settlement of Miss Isabella Macdougall, Perth. Miss Macdougall directed her Trustees to devote the residue of her means and estate to the foundation and endowment of one or more Bursaries, payable to students born in the county or city of Perth, attending the classes in the Faculty of Arts, in the Universities of Edinburgh, Glasgow, and St. Andrews. The Bursaries are of the annual value of about £33, and are tenable for a period not exceeding three years. The Trustees are the

Patrons. The candidates, who may be of any religious denomination, must undergo an examination by examiners appointed by the trustees. The Bursaries are open to students who are either (1) about to enter on their first session, and who shall pass the Preliminary Examination in Arts, or (2) who have already attended the junior classes for one session. A vacancy occurring otherwise than by lapse of time may be filled up by the appointment, after examination, of a student of equal standing with the retiring Bursar. It is not competent for any person to hold any of these Bursaries along with any other Bursary or appointment yielding to him an annual income of fifty pounds or upwards. The Trustees are the following ministers in Perth, viz.:—The Rev. Wm. G. H. Carmichael, East Church Parish; the Rev. Archd. Fleming, St. Paul's Church Parish; the Rev. Robert Milne, West Church Parish; the Rev. Wm. Stevenson, Middle Church Parish; and their successors in office for the time being, and Mr. Wm. Cochrane Young, solicitor in Perth. Candidates are requested to send in their names and addresses to Mr. Young, 9 St. John Street, Perth, on or before 1st September.

Bursars—*Arthur D. Millar, 1884; William B. Hodge, 1885.

MALCOLM M'EWEN BURSARY (*Arts or Science*).—Mr. William M'Ewen, tobacco manufacturer, Glasgow, who died on 16th December, 1878, by his Trust Disposition and Settlement, dated 28th November, 1878, directed his trustees, Mr. James Boyd, writer, Glasgow, and others, to devote a sum of £500 to the foundation of a Bursary in the University of Glasgow, to be called the "Malcolm M'Ewen Bursary," in memory of his brother, Mr. Malcolm M'Ewen, who died on 16th January, 1878. The Bursary was founded in 1884. After consultation with the Senate, the trustees resolved that the regulations for the Bursary should be as follow:—The Bursary is open to competition at the annual Bursary Examination to all students entering on the first session of attendance at the University, is awarded by the Senate in accordance with the results of that examination, and is tenable for four years. The Bursar on his appointment must elect to follow either the course of study qualifying for the Degree of M.A., or the course of study qualifying for the Degree of B.Sc., and must attend at least two classes each winter session. The Bursary is payable by equal moieties on the second day of February, and at the close of the winter session, but the second moiety of the fourth year's Burse shall not be paid until the Bursar shall have passed all the examinations for the Degree appropriate to the course of study chosen by him at the beginning of his tenure of the Bursary. A vacancy occurring otherwise than by lapse of time may, in the discretion of the trustees, either be filled up at the first term thereafter, or not till the usual term at which the competition for the Bursary would, in ordinary course, have fallen due, and, in the latter event, accumulations from this source are to be added to the capital fund.

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* Vacant through lapse of time.

Bursar—Patrick D. Donald, 1884.

JAMES MACFARLANE BURSARY (*Theology*).—Miss Helen Macfarlane, who died on 12th March, 1886, by a codicil dated 15th August, 1882, to her Trust Disposition and Settlement, directed her trustees to hand over to the Senate the Portrait of her late brother, Dr. John Macfarlane, Professor of the Practice of Medicine in this University, and the sum of £1,000 free of legacy duty for the foundation of a Bursary in the Faculty of Theology, in memory of her brother, the Rev. Dr. James Macfarlane, minister of Duddingston. Preference to the name Macfarlane. The competition is open to divinity students of the first year, who hold a Degree in Arts of any Scottish University, or who have passed their examinations in any two departments for graduation in Arts. The Bursary is tenable for three years, but in the case of a vacancy occurring otherwise than by lapse of time, the Senate may appoint, with or without examination, a student of the same standing as the previous Bursar.

JOHN MACFARLANE BURSARY (*Medicine*).—Founded in 1874 by the brothers and sisters of the late Dr. John Macfarlane, Professor of the Practice of Medicine in this University, and to his memory. Patrons—The Medical Faculty. Value, about £40. Tenable for three years. The competition is open to students who have attended the first session of their professional study in the University of Glasgow, and who have passed in all the seven subjects of the examination in general education for M.B. The Examination will be held at the close of the first session of professional study. The subjects of examination to be prescribed by the Patrons; and the success of the candidates in the examination in General Education will form an essential element of the decision. Any surplus which may accumulate from vacancies or otherwise, to be applied to establish a "Macfarlane Prize" in the class of Practice of Medicine. The subjects of examination for this Bursary are Elementary Anatomy, Elementary Chemistry, and Botany.

Candidates are required to give in their names (with certificates) to the Assistant Clerk (Matriculation Office), on or before the first of October.

Bursar—* John E. Duncan, 1884.

MACGROUTHER BURSARIES (*Arts*).—Two in number, founded in 1872, the one by Mrs. Sophia Susan MacGrouther, widow of Mr. James MacGrouther of Leigham Court Road, Streatham, Surrey, who mortified in favour of certain trustees the sum of £500; the other by the Misses Mary and Jane MacGrouther, residing in Glasgow, his sisters, who also mortified in favour of the same trustees the sum of £500, for the purposes of the foundation, and in

* Vacant through lapse of time.

memory of, and in fulfilment of the intentions of, the said James MacGrouther. The Senate are the Patrons. The Bursaries are awarded by open competition among students entering the Faculty of Arts for the first time, and are tenable for four years, and on the same conditions as the Forfar Bursaries. (See p. 169.)

Bursars—*Arthur D. Millar, £20, 1883; William F. Doak, £15, 1885.

INCORPORATION OF MALTMEN BURSARIES (*Any Faculty*).—Founded by the Incorporation of Maltmen of Glasgow, for the education of two individuals—being members, sons of members, or grandsons of members of the Incorporation. Tenable for one or more years. Value, £25 per annum each. Appointments to vacancies are made in the month of September by the Master Court of the Incorporation —Mr. Franc Gibb Dougall, 167 Canning Street, Glasgow, Clerk.

Bursar—John Ramsay (Arts), 1884. (One vacancy.)

MARSHALL BURSARIES (*One in Theology and One in Medicine*).—Mrs. Barbara Lauder or Marshall, relict of Alexander Marshall, wholesale stationer, Bell Street, Glasgow, by her Will, dated 8th December, 1874, bequeathed to the Senatus of Glasgow University the sum of £1,000, under deduction of legacy duty, to found two Bursaries of equal value, one in Divinity and the other in Medicine. Tenable for four years. Preference to the name of Marshall, but provided "that the Principal and the Professors shall nominate and appoint such students only to the said Bursaries as they shall find, on such examination as they may appoint, to be properly qualified for entering upon the study of Divinity and Medicine at the said University." Present value, £17 per annum to each Bursar.

Bursar in Theology—† David A. Reid, 1884.

Bursar in Medicine—Duncan Shaw Morrison, 1884.

MENZIES BURSARIES (*Arts*).—The late Mr. James Menzies of Glasgow, by his Will, dated 3rd November, 1837, left a sum of money to establish four Bursaries at either of the Universities of Edinburgh, Glasgow, or St. Andrews, tenable for four years, one to be given each year. The value of each Bursary is £50 per annum, but varies at the discretion of the Patrons. The Patrons are Menzies of Menzies, and the Parish Ministers of Dull, Weem, and Fortingall. In the first place, the kindred of the Testator; secondly, persons of the name of Menzies; thirdly, those born on the Menzies estates, will be preferred—provided always that they shall be found properly qualified by previous education; and failing these, the Patrons can present such as shall be found best qualified after due examination. The following are the subjects of examination:—*English*, Reading and Writing from Dictation; *Arithmetic*, as far as Decimal Fractions; *Euclid*, first three books; *Latin*, Cæsar de Bello Gallico, first four books, and to translate a piece from English into Latin; *Greek*, Xenophon's Anabasis, first three books. Bursars to attend in some one of the above Universities the classes in their regular order for the M.A. Degree. Candidates are requested to send their names to Mr. Alan Hutchinson, Camserney Cottage, Aberfeldy, on or before 14th September.

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* Vacant through lapse of time.

† Vacant. Bursar's course finished.

Bursar—* David M. Menzies, 1883; Alexander Menzies, 1884; George K. Menzies, 1885.

MERCHANTS' HOUSE BURSARIES (*One in Arts, One in Law, and Two in Medicine*).—Founded in 1879, by the Merchants' House of Glasgow. The Bursaries are of the annual value of £25 each, and are four in number—viz., two in Medicine, one in Arts, including Engineering and Mechanics, and one in Law, tenable by students attending the requisite classes in the above Faculties, with a preference to the sons of matriculated members of the Merchants' House, and such others as the Lord Dean and Directors may deem deserving. 1. The Bursaries in Medicine are tenable for four years. Candidates must be entering on their first winter session of attendance on the ordinary curriculum for Medical Students. 2. The Bursary in Arts, including Engineering and Mechanics, is tenable for four years. Candidates must be entering on their first session of study, and must attend each session two at least of the classes in the Arts curriculum, including, at the option of the candidate, the class of Civil Engineering and Mechanics. 3. The Bursary in Law is tenable for three years. Candidates must be entering on their first session of attendance on the classes in the Faculty of Law, and must give regular attendance for the three years on classes in that Faculty. The subjects of examination for the above Bursaries will be those prescribed for the General Bursary Competition, special importance being given in the examination for the Arts Bursary to the subject of Mathematics. Applications to be lodged with W. H. Hill, LL.D., Clerk to the Merchants' House, on or before 1st October, 1887.

Bursar in Arts—William D. Creighton, 1886.

Bursar in Law—*Peter M'Clure, M.A., 1884.

Bursars in Medicine—*Hugh Dickie, M.A., 1883; John Sandilands, M.A., 1884.

METCALFE BURSARIES (*Arts*).—Founded by the late Miss Sarah Metcalfe, Glasgow, who, by her Deed of Settlement and Codicils, dated respectively 8th August, 30th September, and 7th October, 1853, bequeathed, subject to the liferent of her brother, Mr. William Metcalfe, certain properties in Glasgow, "for encouraging poor students in prosecuting the studies of Mathematics, Practical Astronomy, Chemistry, and Civil Engineering." Mr. Metcalfe died on 25th January, 1869, and by resolution of date 14th April, 1870, the Senate instituted, besides a Metcalfe Fellowship of £100 annual value (for which see Index), at least two Metcalfe Bursaries or

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* Vacant through lapse of time.

Scholarships, each of the annual value of £25, and tenable for two years, subject to the condition that the scholar attend the four classes of Civil Engineering, Senior Mathematics, Practical Astronomy, and Chemistry; two at least of these classes to be taken each year. The scholars to be appointed by examination in Pure Mathematics, including the elements of Plane Trigonometry, of Mechanics, and of Theoretical Astronomy, from among matriculated students entering the senior class of Mathematics, or the class of Chemistry. *Bursars*—* Allan Kirkwood, 1885; * Thomas Shields, 1885.

MITCHELL (See Lochhead and Mitchell, p. 177).

MONTEITH BURSARIES (*Arts*).—Founded in 1869 by Mr. James Monteith, of 38 Duke Street, St. James's, London. Three in number, each of the annual value of about £16, and tenable for three years. They are open for competition to all matriculated students of the Faculty of Arts, being natives of Scotland, and sons of Scottish parents, and may be held along with another Bursary. The examination to be in French and German in alternate years. Occasionally an extra Bursary will be given to the second-best candidate, of the same value as the others, but tenable only for one year. At the commencement of session 1887-88 a regular three years' Bursary will be competed for, the examination being in French. *Bursars*—†Hugh Walker (German), 1884; Arthur D. Millar (French), 1885; D. C. S. Blacklock (German), 1886.

JOHN MONTEITH BURSARIES (*Medicine*).—Founded in 1884 by Mrs. Helen Monteith, Greenbank, Dowanhill Gardens, Glasgow, in memory of her husband, the late John Monteith. Mrs. Monteith assigned the sum of £1,000 to Dr. John Gray M'Kendrick, Professor of the Institutes of Medicine; Dr. James Duncan M'Laren, Fellow of the Faculty of Physicians and Surgeons in Glasgow; James Graham, writer, Glasgow, and Robert Monteith, her adopted sons, as trustees, in the first instance, for the administration of the fund. The annual income after payment of the expenses of administration is to be awarded as two Bursaries to students who have attended the first and second sessions of their professional studies in the University of Glasgow with a view to graduation in Medicine in that University, and who have passed the whole of the Examination in General Education for the Degree of Bachelor of Medicine, or who possess such a Degree in Arts as may be recognized by the University as exempting from such examination. The Bursaries are tenable for two years. One Bursary is awarded annually in the month of November, and is given to the candidate who gains the highest number of marks in the subjects of Anatomy and Physiology at the Professional Examinations in these subjects held during the previous year, (*i.e.*, the April and October preceding said month of November). The founder has directed that it be represented to the holders of the Bursaries that they should feel themselves in honour bound after graduation to render professional assistance to the poor as much as may lie in their power.

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* Vacant through lapse of time. On account of the state of the Metcalfe Bursary Fund no appointment can be made till further notice.

† Vacant through lapse of time (Examination in French).

Bursar—*William Snodgrass, 1885; William Muir, 1886.

MUIR BURSARIES (*Four in Arts and One in Theology*).—Founded in 1880, in terms of the Trust Disposition and Settlement and Codicil thereto of the late Mr. Matthew A. Muir, merchant in Glasgow, who bequeathed to the Senatus Academicus of Glasgow University, free of legacy duty, the sum of £1,000 for providing a Bursary in connection with the Chair of Divinity, to be awarded to a student of Divinity during the last three years of his curriculum; a sum of £1,000 for providing two Bursaries of equal amount in connection with the Chair of Mathematics, to be awarded to advanced students in Mathematics, the period of tenure to be fixed by the Senate; and a further sum of £1,000 for providing two Bursaries of equal amount in connection with the Chair of Civil Engineering and Mechanics, to be awarded to advanced students of Engineering and Mechanics, the period of tenure to be fixed by the Senate. Any of the Muir Bursaries in Mathematics and Civil Engineering may be held along with another Bursary.

The following rules and regulations have, in accordance with the provisions of the Deed, been sanctioned by Mr. Muir's trustees, and are to be observed in all time coming:—

1. *Muir Bursary in Divinity.*—Candidates must be entering on their first session in Theology in the University, and the appointment to the Bursary shall be determined by the result of the annual competitive examination for Bursaries in Theology. The competition shall be open to candidates holding a Degree in Arts in any Scottish University, or who have passed their examinations in any two departments for graduation in Arts. The Bursary shall be tenable for three years, but the second moiety of the third year's Burse shall not be paid until the Bursar shall have passed the examinations for the Degree of Bachelor of Divinity.

2. *Muir Bursaries in Mathematics.*—Two in number, of which the Junior Bursary shall be tenable for two years, and the Senior Bursary for one year, the former being of half the annual value of the latter. The appointment shall be determined by the proficiency shown by the candidates in the earlier part of their Mathematical course, and the successful candidates shall prosecute the study of the Higher Mathematics during their tenure of the Bursaries. No candidate shall be allowed to hold both Bursaries at the same time. Should the Junior Bursary be resigned by the Bursar at the end of

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* Vacant through lapse of time.

his first year of tenure, the Senate may make an appointment for the remainder of the period.

3. *Muir Bursaries in Civil Engineering and Mechanics.*—Two in number, and of equal value. The appointments shall be determined by the proficiency shown by the candidates in the earlier part of their Engineering course. The period of tenure for each Bursary shall be the session of attendance on the Senior Class of Civil Engineering and Mechanics. Should a vacancy occur by reason of non-attendance of a selected candidate, the Senate may make an appointment for the remainder of the period. No candidate shall be allowed to hold both Bursaries.

4. The Senate reserve the right to withhold the Bursary in any case in which a satisfactory standard has not been attained by any of the competitors.

5. Arrangements for carrying out these rules and regulations shall from time to time be made by the Senate, and notice thereof shall be published in the University Calendar.

Arrangements for Session 1887-88.—*Muir Bursaries in Mathematics.*—The appointment to the Junior Bursary, tenable during sessions 1888-89, 1889-90, will be determined by the results of the written examinations passed in the course of the session 1887-88 by the public students of the Upper Junior Class of Mathematics. The successful candidate shall, during session 1888-89, attend the Senior, and during session 1889-90 the Upper Senior Mathematical Class. The appointment to the Senior Bursary, tenable during session 1888-89, shall be determined by the results of the written examinations passed in the course of the session 1887-88 by the public students of the Senior Mathematical Class. The successful candidate shall, during session 1888-89, attend the Upper Senior Mathematical Class.

Muir Bursaries in Civil Engineering and Mechanics.—Candidates for the Bursaries tenable during session 1888-89 must be (*a*) students attending during session 1887-88 the Junior Class of Civil Engineering and Mechanics, who are also attending or have in a previous session attended the Senior Class of Office and Field Work, or (*b*) students attending during session 1887-88 the Senior Class of Office and Field Work, who are also attending or have in a previous session attended the Junior Class of Civil Engineering and Mechanics. The appointment shall be made by consideration of merit shown during attendance on the Junior Class of Civil Engineering and Mechanics and the Senior Class of Office and Field Work, and by examination on the subjects of those classes, together with the following subjects in preparation for advancement in the Senior Class of Civil Engineering and Mechanics, viz. :—Differential and Integral Calculus in cases of powers of a variable when the index of the power is a whole numeric ; and in cases of trigonometrical functions (sin θ, cos θ, tan θ, etc.). Also—Principles of curvature. Also—Relation between Neperian logarithms, common logarithms, and logarithms in general; and Specification of common logarithms. In the examination for one of these Bursaries proficiency in the subjects of the Junior Class of Civil Engineering and Mechanics, and for the other of them proficiency in the subjects of the Senior Class of Office and Field Work, shall have the greater influence. The successful candidates shall, during session 1888-89, attend the Senior Class of Civil Engineering and Mechanics.

Bursars in Mathematics—Junior Bursar for Sessions 1886-87, 1887-88, Robert C. Robertson, 1886; for Sessions 1887-88, 1888-89, Andrew Young, 1887; Senior Bursar, for Session 1887-88, John Brownlee, 1887.

Bursars in Civil Engineering and Mechanics for Session 1887-88.—William Allan, 1887; Kerr Lochhead, 1887.

Bursar in Theology.—Ewen A. Rankin, M.A., 1885.

WILLIAM MUIR DIVINITY BURSARIES (*Theology*).—Established in 1886 by the Governors of the Glasgow General Educational Endowments Board, under Section 35 of their Scheme. The Bursaries are two in number, each of £25 annual value. Candidates must have passed the examination of the Synodical Board for entrance to the Divinity Hall of the University, and must lodge applications with the Rev. Dr. Robertson, Hutchesons' Buildings, Ingram Street, on or before the sixth day of November. The Bursaries are awarded in accordance with the results of the competition for Bursaries in Theology, and are tenable for two years. (One vacancy.)

NOTMAN BURSARY (*Theology*).—By Deed of Settlement, dated 15th August, 1876, Mrs. Margaret Adam Notman or Napier, of Hillhead, Glasgow, widow of Mr. William Napier, directed her executors to pay over to the Principal and Professors of the Glasgow College, the sum of £500 sterling, for the purpose of founding a Bursary in the College, to be called the Notman Bursary, in memory of her father and brother. The Bursar to be a student of Divinity, who shall appear in public examination to be best qualified and deserving. Present value, £16 10s. per annum.

Bursar—* Thomas Muir, M.A., 1885 (1884).

ORR-EWING DUMBARTONSHIRE BURSARIES (*Arts*).—Sir Archibald Orr-Ewing, of Ballikinrain, M.P., by Bond and Foundation dated 19th September, 1877, bound and obliged himself, his heirs, etc., to pay to the University of Glasgow, and to the *Senatus Academicus* thereof, as trustees, the sum of £1,600 sterling in seven annual instalments, payable at Martinmas in each of the years following, viz.:—In 1878, £100; 1879, £200; 1880, £300; 1881, £400; 1882, £300; 1883, £200; 1884, £100—to be held and applied for providing four Bursaries of £25 per annum each, tenable for four years, to be competed for in each of the years 1878, 1879, 1880, and 1881. By a letter to the Senate dated 5th February, 1883, he intimated his intention to give yearly four Bursaries of £25 each during his lifetime. The Bursaries are open only to candidates who have attended a Public Parochial, being an ordinary Board School or Schools, in one or more of the Landward Parishes of Dumbartonshire, or of the Parishes of Buchanan, Drymen, Balfron, Killearn, Fintry, Strathblane, Baldernock, and Milngavie, being Parishes in the Presbytery of Dumbarton, for the full period of four years immediately preceding the competitive examination for the said Bursaries, who shall at the date of such examination be under the age of 17 years complete, and who shall express their intention of forthwith entering the University of Glasgow and proceeding with the studies required for obtaining the Degree of Master of Arts from the said University, and shall actually enter the said University accordingly. Each of the said Bursaries shall, as a rule, be tenable for four years, but on condition that each Bursar shall, during or prior to his fourth session of attendance at the said University, have passed two out of the three departmental examinations for the said Degree of Master of Arts, wherein if he fail he shall forfeit all right to the said fourth year's payment of £25. Candidates will be examined in at least three of the following subjects, viz.: (1) English Language and Literature, (2) Mathematics, (3) Latin, (4) Greek, of which three subjects English Language and Literature must always be one. Should the examiners not consider the candidates to have passed an examination of sufficient value, or should a sufficient number of candidates not come forward, the *Senatus* shall offer in subsequent years additional Bursaries of £25 each. In the event of a Bursary becoming vacant otherwise than by lapse of time, the *Senatus* are to apply the funds thereby left at their disposal for the benefit of divinity students belonging to Dumbartonshire.

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* Vacant through lapse of time.

Bursars—* John Don, 1883; * David Kater, 1883; * William Sawers, 1883; Robert Russell, 1884; John Bain, 1885; Andrew Campbell, 1885; Hugh Carmichael 1885; John Livingston, 1885; Walter Paul, 1885; John R. Blackwood, 1886; Malcolm M'Coll, 1886; John M'Gregor (Divinity), 1886. (Six vacancies.)

James Paterson Bursary (*Arts*).—Founded in 1885 in commemoration of the completion, in 1879, of the fiftieth year of the existence of Adelaide Place Baptist Church, Glasgow, and of the Pastorate thereof of Dr. James Paterson during the same period. The sum subscribed for the purpose, amounting with interest to £619, was assigned and conveyed to the Senate in trust to be applied in all time coming to provide a Bursary in the Faculty of Arts to be called the James Paterson Bursary. The Bursary is tenable for four years, and is open to competition to any student of the first year in Arts who is a member of a Baptist Church, and who is entering upon his studies with a view to the ministry in the Baptist denomination. The Bursar during his tenure of the Bursary must be a member of Adelaide Place Baptist Church or of some other Baptist Church in Glasgow or neighbourhood. The Bursar must graduate in Arts, and before payment of the second moiety of the last year's Bursary must produce evidence that he has taken the Degree, or that he has obtained all the certificates necessary for graduation. On the Bursaries falling vacant otherwise than by lapse of time the Senate may appoint for the remainder of the term, or for the full period after competition. Before payment of the second moiety in each year the Bursar must produce a certificate of fitness for the ministry from a committee of Adelaide Place Baptist Church, from the Baptist Union of Scotland, or some recognized Educational Institution of the Baptist body.

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* Vacant through lapse of time.

Bursar—Peter T. Thomson, 1886.

PATRICK BURSARIES (*Arts*).—Two in number, founded in 1860, by Mr. William Patrick, of Roughwood, W.S., the one consisting of the free annual proceeds of a sum of £2,000 of consolidated stock of the Glasgow and South-Western Railway, the other of the free annual proceeds of £1,000 of the same stock. They are tenable for two years, but may be continued for other two. Candidates must have gone through a course of education at some one of the Public Schools in the county of Renfrew, where a regular course of Classical Study is pursued, and must be in circumstances to render it desirable that they should have assistance in prosecuting their studies at the University. The Rector or Head Teacher of such Public School to grant a certificate to any number, not exceeding four of his best scholars, who shall be entitled to present themselves to the Principal and Professors as candidates for the Bursaries. Certificate forms may be obtained from the Assistant Clerk (Matriculation Office).

The examination is in Latin, Greek, Elementary Mathematics, and English.

Bursars—* Archibald L. Macquistan (£80 Bursar), 1885; George Dunlop (£40 Bursar), 1886.

GLASGOW PERTHSHIRE SOCIETY'S BURSARY (*Arts*).—Founded by the Glasgow Perthshire Society in 1873. Value £25, and tenable for three years. Open to competition to natives and sons of natives of the county of Perth, and also to sons of persons who are *bona fide* residents in that county, and have resided in it for not less than three years at the time of the competition. Candidates must be entering on their first year of attendance as students in the Univer-

* Vacant through lapse of time.

sity of Glasgow, and the holder of the Bursary will be required to complete attendance on at least two of the classes in the curriculum of Arts in each session. Names of candidates to be sent to Mr. George Gray, writer, County Buildings, Glasgow, Secretary of the Society, not later than the first October preceding the competition.

Bursar—James Campsie, 1885.

Pollock Bursaries (*Arts*).—Founded in 1878, in terms of the Trust Disposition and Settlement of the Rev. Alex. Pollock, senior minister of the Free South Church, Paisley, who bequeathed £3,000, free of legacy duty, for that purpose. The Bursaries are designed to assist young men entering the University of Glasgow whose circumstances are such as to render it desirable that they should have assistance in prosecuting their studies. The patrons are the Principal and Professors in the Faculty of Arts. Each candidate must lodge along with his application a letter from the Rector, Headmaster, or Classical Teacher of one of the Public Schools or Public Academies within the parliamentary boundaries of the burgh of Paisley, where a regular course of Classical study is pursued, certifying that he has completed his course of education at such school or academy. Certificate forms may be obtained from the Assistant Clerk (Matriculation Office). Should no such qualified candidates present themselves, or should the otherwise qualified candidates fail to reach a satisfactory standard in the Bursary Examination, the Bursary or Bursaries vacant for the time being shall be open to all the candidates in the ordinary Bursary Competition. The Bursaries are three in number, and are tenable for three years, during which period the Bursars must be students in the Faculty of Arts. The second moiety of the third year's Burse shall not be paid until the Bursar shall have obtained at least two of the Departmental Certificates for the Degree of Master of Arts. (One vacancy.)

Bursars—Matthew B. Cameron, 1885 ; Alexander Pollock, 1886.

Rainy Bursaries (*Medicine*).—In 1872, Dr. Harry Rainy, Emeritus Professor of Medical Jurisprudence in this University, made over to the Senate the sum of £1,000 for the institution of two Bursaries in the Medical Faculty, and a further sum of £500 to be invested as a supplementary or augmentation fund. The interest of the Bursary Fund is to be divided annually between the two Bursars ; and the interest of the supplementary fund is to be employed towards defraying the expenses of administration, and bringing up, when necessary, the annual salaries of the Bursars to £20 each, and increasing the supplementary fund. Should this fund accumulate to £1,000, one half of it is then to be added to the Bursary fund, the interest of which shall be divided as before between the two Bursars. If by this process of augmentation, which is to be repeated as often as the supplementary fund amounts to £1,000, the Bursary fund should at length yield £60 per annum to each Bursar, the Senate may continue the same process, or constitute additional Bursaries on the principle explained above, the original Bursaries remaining of the value to which they have been raised by augmentation. The augmentation fund is not at any time to be reduced below £500.

One Bursar shall be elected annually after competitive examination on the subjects of Anatomy, Chemistry, Botany, Physiology, and Zoology. The competition is to be open to all students who have completed two years of the regular Medical curriculum at the University of Glasgow, and who are about to commence their third winter session; and the examination is to take place in the month of October.

The successful candidate may hold his Bursary for two years, namely, during his third and fourth years of study in the University of Glasgow. A vacancy occasioned by death, irregular attendance, or misconduct, is not to be filled up till the usual term at which the competition for that Bursary would have fallen due, and accumulations from this source are to be added to the supplementary fund.

In 1887 the competition for one of these Bursaries will be held on 10th and 11th October. Candidates are required to give in their names (with certificates) to the Assistant Clerk (Matriculation Office), on or before the 1st October.

Bursar—John F. Boa, 1886.

Ramsay Walker Bursaries (*Arts*).—Two in number, founded in 1879, under the Trust Disposition and Settlement of Miss Ramsay Walker, Crosshill, who bequeathed £700, reduced by legacy duty to £630, for educating two students with a view to the ministry of the Established Church of Scotland. Preference to kindred of the founder, whom failing, to students of the name of Walker, whom failing, to natives of Glasgow, whom failing, the Bursaries will be thrown open to public competition. Candidates must be qualified by their previous education for entering the University. Tenable for four years.

Bursars—Wm. Newlands, 1884; Thomas Cook, 1886.

Ross Bursary (*Arts*).—The Bursary was founded in 1659 by Captain Wm. Ross, of Rosseyle. It is tenable for four years, and the appointment is vested in the Earl of Glasgow. Value, £4 3s. 4d. per annum.

Bursar—* William M'Auslane, 1886.

John Ross, Junior, Bursary (*Theology*).—Founded in 1880 by Mrs. Ross, widow of Mr. John Ross, junior, merchant in Glasgow, in memory of her husband. Patrons—The Senate of the University. The Bursary Fund consists of the capital sum of £1,000, set aside by Mrs. Ross for that purpose. The Bursary is tenable for three years by a student of Divinity in the regular course of study for the degree of Bachelor of Divinity with a view of becoming a clergyman of the Established Church of Scotland. Candidates must be entering on the first session of their study in Theology in the University, and the award shall be determined by the result of the annual competitive examination for Bursaries in Theology. In cases of equality in the competition there is a preference to the student who may be thought to stand most in need of help to carry on his theological studies, or to one who is a native of Ayrshire. The second moiety of the third year's Burse shall not be paid to any Bursar unless and until he shall have passed all the examinations required for the degree of B.D. In the case of a vacancy occurring otherwise than by lapse of time, the Senate may appoint, with or without examination, a student of the same standing as the previous Bursar.

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* Vacant. Bursar's course finished.

Bursar—* James B. Grant, 1884.

SANDERS BURSARY.—(See Boyd and Sanders Bursary, p. 159.)

SCOTT BURSARIES (*Arts*).—Founded in 1874, along with the Scott Scholarship, on the occasion of the centenary of the birth of Sir Walter Scott; the Committee having resolved to employ the fund, raised by public subscription, which amounts to £3,500, "for the benefit of distinguished University students." The fund is administered by trustees, two of whom are elected by the Senatus, two by the Merchants' House, one by the Faculty of Physicians and Surgeons, one by the Faculty of Procurators, and one being the Council's Assessor in the University Court, *ex-officio*. The Bursaries are now three in number, each of the annual value of £25, and tenable for four years. They are open to free competition, under the same regulations as the competition Bursaries in the University.

Bursars—* Robert C. Robertson, 1883; Robert W. Rutherford, 1884; John H. Martin, 1885.

SMITH BURSARIES (*Any Faculty*).—Two in number, founded in 1849 by Dr. John Smith, of Crutherland; not restricted to any particular description of students. Patrons—The Directors of the Incorporated Company of Stationers. Sons of members of the Company preferred; then sons of persons connected with any of the trades included in their charter, whom failing, such other students as may be approved of by the patrons. Value, £9 per annum each. Tenable for one or more years at the option of the patrons. Applications to be made to Mr. R. Brodie, 77 St. Vincent Street, Glasgow.

Bursar—David Baird, 1883. (One vacancy.)

STEWART BURSARIES (*Arts*).—These Bursaries, four in number, founded in 1809 by the Rev. James Stewart, are in the gift of the

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* Vacant through lapse of time.

Senate. They commence with the Humanity or the Greek Class, and may be held during the Gown Course. Value, £15 per annum each. The names Stewart and Simpson are preferred. In case of a vacancy, a student of the same standing is appointed.

Bursars—* George H. Morrison, 1883; Alexander M'Millan, 1884; Archibald Stewart, 1886 (1884); James Lade, 1886.

GLASGOW STIRLINGSHIRE AND SONS OF THE ROCK SOCIETY'S BURSARY (*Arts*).—Founded in 1876 by the Glasgow Stirlingshire and Sons of the Rock Society. Value, £25 per annum, and tenable for five years. The Bursary is open to competition to "all students who have been born and educated in the county of Stirling." Candidates must be entering on their first session of attendance in the Arts Classes. Secretary of the Society, Mr. Arthur Forbes, writer, 146 Buchanan Street, Glasgow.

Bursar—Ebenezer B. H. Macpherson, 1885.

STRUTHERS BURSARY (*Theology*).—In 1624, the Rev. William Struthers founded two Bursaries for students in Divinity. Value, £6 13s. 4d. per annum each. By ordinance of the Universities Commissioners, of date 17th May, 1862, these Bursaries were conjoined into one, tenable for three years; the holder to be M.A. and a student of Divinity. All other restrictions were abolished. The right of nomination belongs to the Magistrates and Town Council of Glasgow.

Bursar—Richard Robb, M.A., 1886.

TAYLOR BURSARIES (*Any Faculty*).—Two in number, founded by Mr. James Taylor, writer in Glasgow, who by Trust Disposition and Settlement, of date 30th June, 1857, bequeathed to the University the sum of £800 for Bursaries. After Mr. Taylor's death, the trustees found that the estate was not sufficient to pay the various legacies in full. They paid over to the University in January, 1868, the sum of £560, and in September, 1878, a further and final dividend of £80, making in all £640, the free proceeds of which are applied to the payment of the two Bursars. The Senate are Patrons. Preference to the names Tayler or Taylor, Ronald, Dunlop, Henderson, and M'Arthur.

Bursars—Herbert O. Cowen, 1884; George W. Taylor, 1885.

JAMES THOMSON PHILOSOPHICAL ENTRANCE BURSARY (*Arts*, *Phil.*).—Founded by subscription in 1878 in memory of James Thomson, M.A., a distinguished student of this University, who died in 1876, before the close of his theological curriculum. The Bursary consists of the proceeds of a sum of about £300, and is tenable for two years. It is awarded biennially for the best examination in (*a*) Mental Philosophy and (*b*) English Literature alternately, the candidate being at liberty to offer a special subject. The examination is open to all

* Vacant through lapse of time.

students of the first and second year who have not already attended any class in the Philosophical Department, and who have not attended a session in any other Scottish University. The Bursary is payable in four instalments, but the last instalment will not be paid till the Bursar has passed the Departmental Examination in Classics for the M.A. Degree in Glasgow University. The subjects of examination in Mental Philosophy are the same as for the John Ferguson Jaffrey Bursary in Mental Philosophy.

The next examination will be held in November, 1888, the subject of examination being Mental Philosophy.

Bursar—J. S. M. Simpson, 1886.

WALKINSHAW YOUNG BURSARY (*Law*).—Founded in 1878 by Major Young, Dunmore, Kirn, who bequeathed to the University a sum of £500, free of legacy duty, for promoting any useful branch of Education which the Principal and Professors may think proper.

The following regulations have been adopted :—

1. The Bursary shall be tenable for two years, during which the holder shall give regular attendance as a public student in the Faculty of Law in the University, to the satisfaction of the Senate.

2. All persons who within two years previous to the time when an appointment to the Bursary is made, have at an examination in Arts for the Degree of B.L. passed in not fewer than two Arts subjects, or have passed a Departmental Examination for the Degree of M.A., shall be eligible as candidates, and the Senate shall appoint that one among the candidates who in their opinion is the most distinguished. A student who passes a qualifying Examination in the November of the Session in which an appointment is made, shall be held eligible within this rule, but one who has passed an examination in the November two years preceding such an appointment, and has not passed any subsequent qualifying examination, shall not be eligible.

3. The Bursary shall not be tenable along with any other Bursary or Scholarship in the University.

The next appointment to this Bursary will be made in December, 1888. Applications to be sent in to the Clerk of Senate on 1st December of that year.

Bursar—A. E. Barker, M.A., 1886.

WALTON BURSARY (*Medicine*).—This Bursary was founded in 1763, by Dr. William Walton, Huntington, for a student in Medicine. The Earl of Sandwich has the right of appointing to the Bursary one of two Students nominated by the Senate. Preference is given to "Students of the English Nation." The Bursary may be held for four years. Value about £36 per annum.

Bursar—Hugh Rhodes, 1884.

ANDREW WEIR BURSARY (*Medicine*).—Founded in 1884, in terms of a Bequest of Mrs. Janet Maxwell or Weir, relict of Andrew

Weir, feuar in Paisley. Mrs. Weir bequeathed the sum of £500 to the University, and directed the annual income of the legacy to be devoted to maintaining a Bursary in connection with the Medical School, in such manner as the Senate may appoint. The Bursary is in memory of a son of the founder, Andrew Weir, a medical student of Glasgow University, who held subsequently the post of Resident Physician in the Paisley Infirmary, and in the discharge of his duties there contracted a fever, of which he died. The Bursary is awarded annually in the month of November, and is given to the student who has gained the highest aggregate of marks in the Second and Third Professional Examinations immediately preceding, provided that his attendance at the prescribed classes has not exceeded the requirements of the ordinance; and that during his session of tenure he continues to follow the medical curriculum. This Bursary may be held along with another Bursary.

Bursar—* William M'Lennan, 1886.

WILLIAMS BURSARIES (*Arts and Theology*).—The Rev. Dr. Williams, London, in the year 1711, bequeathed to certain individuals in London, in trust, an estate, to found Bursaries for educating natives of South Britain at the University of Glasgow. The founder, with a particular view to support the cause of Protestant dissent in England, directs that every Bursar on this foundation shall promise, in writing, to become a preacher among the dissenting Ministers of that country. The Bursaries are tenable for three years, but renewable for another year on application, on the understanding that the student has graduated in Arts, and is about to enter the Divinity Hall. Value, £40 per annum each. The right of presentation is vested in the founder's trustees. Secretary to the Trust—Mr. Francis H. Jones, 16 Grafton Street, E., London, W.C. The state of the funds of this foundation will not admit of more than one appointment being made in session 1887-88.

Bursars—* Evan Keri Evans, 1884; * J. H. Stowell, 1884; * N. de Garis Davies, 1884.

WILSONE BURSARY (*Theology*).—Two Bursaries, value £6 13s. 4d. per annum each, were founded by Mr. Michael Wilsone, in 1640. Patrons—The City Magistrates and Council.

By ordinance of the Universities Commissioners, of date 17th May, 1862, confirmed by Her Majesty in Council, these Bursaries were conjoined into one, tenable for three years; the holder to be M.A. in regular attendance as a student of Theology. Restrictions as to kindred, etc., abolished.

Bursar—James Brown, M.A., 1886.

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* Vacant through lapse of time.

2. *EXHIBITIONS, FELLOWSHIPS, AND SCHOLARSHIPS.*

ALPHABETICALLY ARRANGED.

FOUNDATION.	No. of Scholarships, &c.	TENABLE BY	Approximate Annual Value of each.
Black Theological,	1	Masters of Arts of Scot. Univ.,	£140
Breadalbane,	2	Do. Glas. Univ.,	£50
Clark, George A.,	4	Do. do.	£192
Clark, John (Mile-end),	11	Arts Students at close of Curric.,	£50
Clydebank,	1	Students of Naval Architecture,	£10
Alexander Donaldson,	1	Candidates for B.Sc. (Chemistry),	£35
Robert Donaldson,	2	Bachelors of Science of Gl. Univ.,	£70
Eglinton,	2	Masters of Arts of do.	£100
Euing, William,	3	Do. do.	£80
Ferguson,	6	Masters of Arts of Scot. Univ.,	£80
Foulis Memorial,	1	Medical Graduates or Licentiates,	£50
Luke,	1	Masters of Arts of Glas. Univ.,	£120
Mackay Smith,	2	Students in Nat. Phil. and Chem.,	£50
Metcalfe,	1	Masters of Arts of Glas. Univ.,	£100
Sandford,	1	Greek Students, do.	£19
Scott,	1	Masters of Arts of do.	£80
Shaw Philosophical,	1	Do. Scot. Univ.,	£160
Snell (at Oxford),	5	Masters of Arts, etc., Glas. Univ.	£80
Thomson Experimental	3	Students of Natural Philosophy,	£20

N.B.—In cases in which a Scholarship or Fellowship falls vacant otherwise than by lapse of time, the Senate may, except where it is inconsistent with the deed of foundation, hold a competition, and make an appointment for the remainder of the period for which such Fellowship or Scholarship may be held. At the next ordinary competition no student shall be excluded from the competition by reason of his having previously been appointed to fill a vacancy for less than the full period; but in no case shall any student hold such Scholarship or Fellowship for longer than the full period fixed in the regulations applicable to such foundation.

BLACK THEOLOGICAL FELLOWSHIP.—This Fellowship, of the annual value of £140 or thereby, was instituted under the Will of the late Mrs. Janet Black (who died in 1876) in memory of her husband, the Rev. William Black, D.D., minister of the Barony Parish of Glasgow. Candidates must be members of the Established Church of Scotland.

The following regulations have been adopted by the Senate with the sanction of the University Court :—

1. The Black Theological Fellowship shall be tenable for two years.

2. It shall be awarded by competition open to Masters of Arts from any of the Universities of Scotland who shall complete the ordinary curriculum of Theological study in the University of

Glasgow in the year in which the examination is held, or who shall have completed that curriculum in any of the three preceding years.

3. At the competition in November, 1885, and thereafter in November at intervals of four years (November, 1889), the examination shall be in Hebrew (with one cognate language), New Testament Exegesis, and Apologetics; and at the competition in April, 1887, and thereafter in April at intervals of four years, the examination shall be in Divinity (Biblical and Systematic Theology), Church History, and Biblical Criticism.

4. The Fellowship shall be awarded by the Theological Faculty only when the examining Professors shall report that the Candidate is of sufficient merit.

5. The holder of the Fellowship shall, during the tenure of it, perform such duties—whether in the form of giving a short course of lectures, or of undertaking tutorial work, or otherwise—within the University, as may be assigned to him by the Faculty of Theology with the sanction of the Senate.

6. No candidate who has gained the Fellowship at one examination shall be at liberty to compete for it a second time.

7. The Fellowship shall not be held in conjunction with any other Theological Fellowship or Scholarship falling to be awarded at the same time, or subsequently during its tenure.

The seventh competition shall take place in November, 1889, the examination being in Hebrew (with one cognate language), New Testament Exegesis, and Apologetics.

Present Fellow.—David Frew, B.D., *April*, 1887.

BREADALBANE SCHOLARSHIPS.—The second Marquis of Breadalbane, an alumnus, and afterwards Rector of the University, gave from the first year of his Rectorship (1840-41), and during his lifetime, the sum of £100 annually, which was for some years distributed in prizes among certain classes, and afterwards appropriated to the establishment of two Scholarships, the one in Mathematical and Physical Science, and the other in Mechanical Philosophy, Chemistry, and those branches of Natural History that are connected with the Arts and Manufactures.

The Marquis died in 1862, and his Deed of Settlement made provision for the "annual payment, in all time coming, to the University of Glasgow, of the sum of £100, to be paid yearly to deserving students in this college, as Scholarships or Bursaries, to be called the 'Breadalbane Scholarships,' in such manner as shall be fixed by the Senatus Academicus of the said University."

The following regulations have been approved by the Senate:—

The number of Scholarships shall be two, of £50 each per annum, for the encouragement of pure and applied Science.

The scholars shall be chosen, after competitive examination in Mathematics and Natural Philosophy, from among candidates who shall have taken the Degree of Master of Arts, or the Degree of Bachelor of Science in the Department of Engineering Science, at the University of Glasgow, within a period of not more than three years preceding the examination ; provided always that students graduating at the supplementary graduation in November of any year, shall, for all purposes, be held to have graduated at the ordinary graduation in the May immediately preceding.

Each scholar shall pursue such course of scientific study during the tenure of his Scholarship as the Senate shall in each case prescribe, and shall hold his Scholarship for three years, provided that at the end of the 1st and 2nd years he give the Senate such evidence, by examination or otherwise, as the Senate shall deem sufficient, of having successfully prosecuted the prescribed course of study.

One of these Scholarships will be competed for in November, 1887. Names of Candidates to be given in to the Assistant Clerk (Matriculation Office) on 1st October, 1887.

Scholar—John Mack, M.A., 1886.

George A. Clark Bursaries or Scholarships.—By the Will of the late Mr. George A. Clark, manufacturer, Paisley, a sum of £20,000 was bequeathed in 1872 to this University for the creation of four Bursaries, tenable each for four years. The following are the regulations :—

1. One of these Bursaries shall be competed for annually, at or immediately after the November examination for Degrees in Arts.

2. The Candidates for the Bursaries shall be either Masters of Arts of this University who have taken the Degree of M.A. with Honours, or students presenting themselves for the final examination for the M.A. Degree with Honours, in any one of the four departments, enumerated in the ordinances of the Universities Commissioners, No. 14, § VII., and No. 18, § III., viz. :—

(1) Classical Literature.
(2) Mental Philosophy, including Logic, Metaphysics, and Moral Philosophy.
(3) Mathematics, including Pure Mathematics and Natural Philosophy.
(4) Natural Science, including Botany, Geology, Zoology, and Chemistry.

But no student shall be eligible for the examination after the expiration of more than three winter sessions from the time of his completing the course necessary for the M.A. Degree.

3. The successful candidate shall undertake, during his tenure of the Bursary, to give such assistance in the teaching work of the University, and to follow such a course of study in the University, as the Senate may determine.

4. The subjects of examination each year shall be those which

constitute the examination for Honours in one of the above-named departments (the department selected each year for examination to be publicly announced). The Senate reserve the right to withhold the Scholarship, should none of the competitors reach the standard of attainment required of graduates in Arts with highest Honours.

5. In the event of the examiners reporting in any year that no candidate has done sufficiently well in the subjects of that year to deserve the Scholarship, no appointment shall be made in that year; but it shall be in the power of the Senate to hold an examination for the same Scholarship, and in the same subjects, in the following year, provided that in that case the Scholarship shall be held for three years only and not for four, the surplus revenue being added to the capital of the fund. Should the same thing occur again, it shall be in the power of the Senate to appoint a Scholar for two years only, or for one year only, the examination in each case being in the same subjects as when the Scholarship was first competed for. In the same manner, in the event of a vacancy occurring in the tenure of any of the Scholarships otherwise than by lapse of time, the Senate may make an appointment for the remainder of the term for which the Scholarship might have been held by the student vacating it, and after examination in the same subjects as those for proficiency in which the Scholar was originally appointed ; but in no case shall the regular rotation of subjects as above provided for be disturbed. In the competition for Scholarships to be held for less than four years, no student shall be admitted to examination who would not be eligible, as above arranged, for a Scholarship to be held for four years. In the event of a candidate being appointed to a vacancy to be filled for less than four years, and being still eligible, under the usual regulations as above, to compete for the said Scholarship on the occasion of the next regular vacancy, he shall be qualified to compete just as if he had not previously held the Scholarship, but in no case shall any student be permitted to hold the Scholarship for more than four years in all.

6. It shall not be competent for the holders of these Bursaries to hold any other Bursary or Scholarship in this University.

7. It shall be in the power of the Senate to deprive any Bursar of his Bursary, in the event of his not complying, to their satisfaction, with any of the above regulations.

8. The Examiners shall be the same as the Examiners for the Degree of M.A. with Honours in each of the several departments.

One of these Bursaries or Scholarships, of the annual value of about £192, and tenable for four years, will be competed for, subject to the foregoing regulations, in November of the present year ; the examination to be in the third of the four departments above enumerated—viz., Mathematics. Candidates are requested to give in their names to the Assistant Clerk (Matriculation Office), not later than 1st October.

Bursars—* Robert F. Muirhead, M.A., B.Sc., 1883 (Mathematics); George G. Henderson, M.A., B.Sc., 1884 (Natural Science); James M'Millan, M.A., 1885 (Classical Literature); Robert A. Duff, M.A., 1886 (Mental Philosophy).

JOHN CLARK (MILE-END) SCHOLARSHIPS.—By the Deed of Constitution regulating the John Clark Bursaries (see page 163), the Founder, Mr. John Clark, also instituted Scholarships of £50 annual value, open for competition to all Protestant students of good moral character, sons of Protestant parents, and who have completed their curriculum in Arts in Glasgow University. The Scholarships are to be awarded to the candidates who stand highest at written examinations in the branches of learning appointed by the trustees, and are tenable for four years, subject to the condition that the Scholars give their undivided time and attention to the prosecution of their studies with a view to any of the learned professions, or, on approval of the trustees, any other profession or business they may prefer. Two Scholarships will be competed for in November, 1887, one in the department of Classics, and one in the department of Mental Philosophy. The examination will be on the subjects prescribed for the Degree of M.A. with Honours in the respective departments.

Names of candidates to be given in to the Assistant Clerk (Matriculation Office) on or before the 1st October, and also to Mr. J. B. Kidston, 50 West Regent Street, Glasgow.

Scholars—* Robert A. Moody, M.A., 1883; * Gavin Lambie, 1883; James A. M'Callum, M.A., 1884; William T. Mitchell, M.A., 1884; Andrew A. Mitchell, M.A., 1885; Archd. J. Macnicol, M.A., 1885; James R. Watson, M.A., 1885; Alex. Whyte, M.A., B.Sc., 1885; Robert Kennedy, M.A., 1886; Robert M. Wenley, M.A., 1886; Alexander L. Taylor, M.A., 1886.

CLYDEBANK SCHOLARSHIP.—Founded in 1885 by Messrs. James & George Thomson, engineers and shipbuilders, Clydebank. The endowment is in the meantime for six years, but will be made permanent should the experiment be successful. Value, £10 per annum. The Scholarship is to be competed for biennially, at such times as the Senate may appoint, by young men not under 18 years of age, who have been employed at least three years as working apprentices, or in the drawing offices of shipbuilding or engineering works situated in the districts of Clydebank, Yoker, or Dalmuir. Examinations will be held at the commencement of the Winter Sessions, 1887-88 and 1889-90. The subjects of examination will include Plane and Descriptive Geometry, Algebra, Plane Trigonometry, Elementary Dynamics and Hydrostatics, and the elements of the Differential and Integral Calculus. The successful candidate must attend during the two years for which it is tenable the course of lectures and of instruction in ship-drawing and calculations given by the Professor of Naval Architecture.

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* Vacant through lapse of time.

Candidates are required to send in their names (with certificates) to the Assistant Clerk (Matriculation Office) on or before 1st October.

Scholar—* John Paterson, 1885.

ALEXANDER DONALDSON SCHOLARSHIP OR BURSARY.—Founded in 1881, by Will of the late Mr. Alexander Donaldson, iron merchant in Glasgow, who bequeathed to the Senatus of Glasgow University £1,000, to be administered by them as patrons for the endowment of a Scholarship or Bursary, at their discretion, in connection with the said University.

The following regulations were adopted by the Senate on 1st May 1884 :—

1. The Scholarship shall be awarded to the candidate who, presenting himself for the first examination for the Degree of B.Sc., held in the month of April, shall stand highest in Chemistry.
2. The Scholarship shall be tenable for two years.
3. The second moiety of the second year's stipend shall be paid only after the Scholar has passed all the examinations for the Degree of B.Sc.

These regulations apply to students proceeding to the Degree of B.Sc. under the new regulations for that Degree.

Scholar—George W. Webber, 1886.

ROBERT DONALDSON SCHOLARSHIPS.—Founded in 1887 by the trustees of the late Mr. Robert Donaldson, iron merchant, Glasgow, who left £2,000 to the Senate for two Scholarships for such scientific purposes as his trustees should approve. The following tentative scheme has been approved by the trustees :—

1. The income of the Fund shall be devoted for two years alternately to Scholarships in Chemistry and Biology.
2. Each Scholarship shall be tenable for two years.
3. Students who have taken the Degree of B.Sc. in Glasgow University shall be eligible.
4. The appointment shall be made by the Senate on a report as to the merits of the candidate or candidates by the Professor of the subject.
5. The scholar appointed shall devote himself for two years in this University, or for one year in this University and the other in such place as the Senate may approve, to research in the subject in which he has obtained the Scholarship. The holder of the Scholar-

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* Vacant through lapse of time.

ship in Biology shall have the option of selecting Zoology or Botany as the subject of research.

6. The Senate are not bound to make an appointment unless the candidate is in their opinion qualified.

EGLINTON FELLOWSHIPS.—On the death of the Earl of Eglinton, formerly Rector of the University of Glasgow, a committee was formed to collect subscriptions for the purpose of commemorating in a suitable manner his virtues and public services ; and, subscriptions having been received to the amount of £7,000, it was resolved by the subscribers, in 1862, to set apart £4,500 out of this sum as a Scholarship or Fellowship Fund in the University of Glasgow.

By the Trust Deed of date November 8th, 1865, the net yearly produce of the said sum (after deducting expenses) is to be appropriated to the support of one or more Fellowships, not exceeding three, to be competed for by the alumni of the College of Glasgow, and to be held for a period not exceeding four years, upon the following conditions, viz.: First,—The number of Fellowships, and the period during which the same are to be held, shall from time to time, be fixed by the Senatus Academicus of the said University. Secondly,—The competition for the Fellowships shall be open only to deserving students who shall have taken the Degree of Master of Arts in that University at the term preceding the competition,* and the Fellowships shall be awarded by the Senatus Academicus of the University to those students who have shown themselves in a public competition to have acquired the greatest amount of knowledge and proficiency in the branches of study embraced in the curriculum of Arts, and such branches of Natural Science as the Senate shall, from time to time, require. And, Thirdly,—The Examination for the Fellowships shall be under the direction of the Senatus Academicus of the University, who shall fix the subjects of examination, and the relative value of each subject in the competition, and appoint any of their own number, or other fit persons, to be Examinators, and make such regulations with relation to the said Fellowships, and the competition and examination therefor, as from time to time they may think fit.

The following are the regulations of the Eglinton Fellowships :—

1. The number of the Eglinton Fellowships shall be two (of about £100 per annum each), tenable for three years, subject to the approval of the Senate at the end of the first and second year.

2. The competition for the Fellowship shall be open only to deserving students who shall have taken the Degree of Master of Arts in the University of Glasgow, at the term preceding the

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* *i.e.*, Either at the ordinary Graduation in May or at the Supplementary Graduation in November.

competition. In the event of a candidate being appointed to a vacancy to be filled for less than three years, and being still eligible, under the usual regulations as above, to compete for the said Fellowship on the occasion of the next regular vacancy, he shall be qualified to compete just as if he had not previously held the Fellowship, but in no case shall any student be permitted to hold the Fellowship for more than three years in all.

3. One of the Fellowships shall be open to competition in November, 1866, and thereafter triennially (1887); and the other in November, 1867, and thereafter triennially (1888).

4. The successful candidate shall undertake, during his tenure of the Fellowship, to follow such a course of study in the University, or to give such assistance in the teaching work of the University, as the Senate may determine.

5. The subjects of Examination for the Eglinton Fellowship to be competed for in November, 1887, and thereafter triennially, shall be Logic and Metaphysics, Moral Philosophy, English Literature, and Classics, including Ancient History.

The subjects of examination in Latin, Greek, Logic, and Moral Philosophy shall be the same as those for the Degree of Master of Arts with Honours.

Candidates are requested to take notice that conspicuous excellence in one of the departments of the examination—in Classics or in Philosophy and English Literature—will be preferred to moderate attainments in both.

6. The subjects of examination for the Eglinton Fellowship to be competed for in November, 1888, and thereafter triennially, shall be the subjects of examination for the Degree of Master of Arts with Honours in Mathematics and Natural Philosophy.

7. The Eglinton Fellowship shall not be held along with the Snell Scholarship, or Breadalbane Scholarship, and the holder of the Luke Fellowship or of the Metcalfe Fellowship shall not be admitted to compete for the Eglinton Fellowship.

Candidates are required to give in their names to the Assistant Clerk (Matriculation Office) on or before 1st October.

Fellows—* Archd. M'Laren, M.A., 1885 (1884); James Buchanan, 1885.

William Euing Fellowships.—Founded in 1874 by Mr. William Euing, insurance broker, Glasgow, who by his Will bequeathed to the University, along with a library of rare and valuable books, the sum of £6,000 for the endowment of three Fellowships, each of the value of £80 per annum, and tenable for not more than five years. The Fellowships to be open only to deserving students who have completed the regular curriculum in Arts, and taken the Degree of

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* Vacant in November, 1877, through lapse of time.

M.A. at this University, and to be awarded after competition in the subjects of the Arts curriculum. The Fellows are required to reside in Glasgow for at least nine months in the year, and "to open private classes, of limited numbers, for giving instruction to, and aiding students of the University—more especially during the vacation, or such part thereof as may be found expedient—in such studies as may be auxiliary to, or illustrative of, the course of lectures which such students may have attended, or be desirous of attending, and also to carry out the same purposes by a systematic course of private tuition."

One Fellowship is attached to the department of Classics, one to the department of Mathematics and Natural Philosophy, and one to the department of Mental Philosophy, including Logic, Moral Philosophy, and English Literature.

The Senate have issued the following regulations for the competition for these Fellowships :—

1. In the department of Classics there shall be one Fellowship competed for in November, 1875, and thereafter at intervals of four years (1887), the period for which the Classical Fellowship shall be ordinarily tenable.

2. In the department of Mental Philosophy one Fellowship shall be competed for in November, 1876, and thereafter at intervals of three years (1888), the period for which the Fellowship in the department of Mental Philosophy shall be ordinarily tenable.

3. In the department of Mathematics and Natural Philosophy one Fellowship shall be competed for in November, 1875, and a Fellow appointed for two years; the Mathematical Fellowship becoming vacant in November, 1877, shall be filled up for a period of three years (1889), the period for which the Fellowship in this department shall be ordinarily held.

In the event of a candidate being appointed to a vacancy to be filled for less than four years in the department of Classics, or for less than three years in the department of Mental Philosophy, or of Mathematics and Natural Philosophy, and being still eligible, under the usual regulations as above, to compete for the said Fellowship on the occasion of the next regular vacancy, he shall be qualified to compete just as if he had not previously held the Fellowship, but in no case shall any student be permitted to hold the Fellowship for more than four years in all, or three years in all, respectively.

Names of candidates for the Fellowship in Classics to be competed for in November, 1887, to be given in to the Assistant Clerk (Matriculation Office), on 1st October.

Fellows—William M. Mackay, 1885 (Mental Philosophy); John Dougall, 1886 (Mathematics).

Ferguson Scholarships.—With a view to the encouragement of the higher learning in Scotland, the trustees of the late Mr. Ferguson, of Cairnbrock, out of his legacy of £50,000 for educational and other purposes, instituted in 1860 six Scholarships, each of the value of £80 per annum, to be held for two years, and to be called "The Ferguson Scholarships."

The examination of candidates for three of these Scholarships will be held in Glasgow, on Tuesday, 4th October next, and following day. One of the Scholarships will be awarded for the greatest proficiency in Classics; one for the greatest proficiency in Mathematics, including Natural Philosophy; and one for the greatest proficiency in Mental Philosophy, including Logic, Metaphysics, and Ethics.

Subjects for examination—

Classical Scholarship.—*Latin.*—Lucretius, *De Rerum Natura*, Books I., II., III. Virgil, *Bucolics* and *Georgics*. Horace, *Satires* and *Epistles*. Juvenal, *Satires* (except 2, 6, 9). Cicero, *Pro Lege Manilia*, *Philippics*. Tacitus, *Histories*. Translation from Author not prescribed. Latin Prose Composition.

Greek.—Homer, *Iliad*, Books XIII.-XXIV. Pindar, *Pythian* and *Isthmian Odes*. Æschylus, *Supplices* and *Eumenides*. Thucydides, Books II., III., IV. Demosthenes, *Olynthiacs* and *Philippics*. Plato, *Phaedo* and *Symposium*. Translation from Author not prescribed. Greek Prose Composition.

Questions.—(1) On Language, Greek and Latin; (2) On Greek History and Literature, in the 5th and 4th centuries B.C.; (3) On Roman History and Literature, from B.C. 60 to A.D. 130. The Questions will bear chiefly on the books prescribed.

Mathematical Scholarship.—*Mathematics.*—Euclid's Elements. Modern Geometry. Algebra, including Determinants, Finite Differences, and Theory of Equations. Trigonometry, Plane and Spherical. Analytical Geometry, in two and three dimensions. Differential and Integral Calculus, and Differential Equations.

Natural Philosophy.—Abstract Dynamics (commonly called Mechanics), including Kinematics and Statics and Kinetics of Solids and Fluids. Experimental Physics and applied Mathematics, including all the ordinary subjects treated in Lectures on Natural Philosophy.

Philosophical Scholarship.—*Logic.*—Province and History of Logic. Logical Forms of Notions, of Judgments, and of Inferences. Fallacies and their Causes. Evidence. Authority and Historical Proof. Physical Science and its Methods. Recent Discussions affecting Logic.

Metaphysics.—Psychology and Ontology. Nature, Origin, and Limits of Man's Knowledge of Self, the Material World, and God. History and Critical Analysis of Ancient and Modern Metaphysical Systems.

Moral Philosophy.—Psychology and Metaphysic of Ethics. Moral Faculty, Motives, and Will. Moral Government and cognate Questions. Applied Ethics, including relations of Ethics to Law and Polity. History and Critical Analysis of Ancient and Modern Ethical Theories.

The competition will be open to all persons who have passed the last of the Examinations required for the Degree of Master of Arts in one of the Universities of Scotland (whether taking the Degree at the same time or not) within two years immediately preceding, and who have not already gained one of these Scholarships or competed more than once previously for any of them.

The Examinations will be conducted in writing, and the Scholarships awarded on the report of the Examiners as to the merit of the Candidates, but the minimum of 600 out of 1,000 marks must be reached in order to entitle to a Scholarship.

The Scholarships, of £80 each per annum, are tenable for two years, subject to fulfilment of the following Rule of the trustees :—

> "Persons gaining the Scholarships will, during the "tenure thereof, be expected to prosecute studies in "furtherance of the higher learning ; and those who have "not graduated shall be required to do so before the last "payment is made. Any case of conduct unbecoming a "scholar and a gentleman shall incur forfeiture of the "Scholarship, of which the trustees shall be sole judges."

Certificates will be granted to such of the unsuccessful competitors as, in the opinion of the Examiners, shall have taken a distinguished position in the Examinations.

Candidates are requested to give in their names, personally or by letter, at the Office of THE FERGUSON BEQUEST FUND, 94 Bath Street. Glasgow, not later than 1st September, 1887, and due intimation will be sent to those enrolled, as to the place and hours of Examination.

The following Students of the University of Glasgow have obtained Ferguson Scholarships :—

1868, James Smith, Mathematical ; 1869, Archibald B. Cameron, Philosophical ; 1870, John Cross, Classical ; 1870, James Orr, Philosophical ; 1872, Wm. W. Waddell, Classical ; 1873, Thomas H. Millar, Mathematical ; 1874, William Patrick, Philosophical ; 1875, William Y. King, Classical ; 1878, John M'A. Dodds, Mathematical ;

1878, Thomas B. Kilpatrick, Philosophical; 1882, Robert F. Muirhead, Mathematical; 1883, James A. M'Callum, Philosophical; 1886, James Buchanan, Mathematical; 1886, Andrew F. Smith, Philosophical.

Present Holders of the Scholarships—William Murison, M.A., of Aberdeen University, Classics, 1885; James L. Smith, M.A., of Edinburgh University, Philosophy, 1885; George Middleton, M.A., of Aberdeen University, Classics, 1886; James Buchanan, M.A., of Glasgow University, Mathematics, 1886; Andrew F. Smith, M.A., of Glasgow University, Mental Philosophy, 1886.

FOULIS MEMORIAL SCHOLARSHIP.—This Scholarship was founded in 1882 in memory of the late David Foulis, M.D., Glasgow, who had distinguished himself in Pathology and Surgery, and died at the age of 35 years. It is to be awarded as often as the accumulated income from the invested funds amounts to £50. It is tenable by a graduate or licentiate whose professional education has, to the extent of not less than two years, been received at the University or one of the extra-mural schools of Glasgow; and who shall, in the opinion of the trustees, have manifested a capacity for original work in the department of Pathology. The purpose of the Scholarship is to assist in the prosecution of such work in one of the Medical Schools in or furth of Scotland, approved of by the trustees; and the trustees have power to determine whether it should be awarded by competition or otherwise.

The trustees are the Professor of Practice of Medicine in the University, the President and Visitor of the Faculty of Physicians and Surgeons of Glasgow, and the Pathologists of the Western and Royal Infirmaries.

The next appointment will be made in November, 1888, and names of candidates are to be sent in to Mr. Alexander Foulis, 180 St. Vincent Street, not later than 1st September of that year. The application will state the time which the candidate proposes to spend, the place of work, and the probable character of the proposed investigations.

Scholar—John Henderson Carslaw, M.A., M.B., C.M.

LUKE FELLOWSHIP.—In 1863, the late William Luke, Esq., of Edinburgh, bequeathed to the University of Glasgow the sum of £3,000 sterling, "to perpetuate the memory of his nephew George Rankin Luke" (formerly a highly distinguished student of this University, and afterwards student of Christ Church, Oxford), "in such a manner as his esteemed friend, Professor Nichol, may consider most beneficial." Professor Nichol exercised the discretionary power thus conferred on him by directing that the sum bequeathed should be applied to the founding of a Luke Fellowship. The following are the regulations :—

1. There shall be a single Luke Fellowship (of about £120 per annum), tenable for three years, subject to the approval of the Senate at the end of the first and second years.

2. The Luke Fellowship shall be awarded on examination in Classics and Ancient History, Moral Philosophy, Logic and Metaphysics, and English Literature.

3. The successful competitor shall be bound to give such assistance in the teaching of the class of English Literature as the Senate may in each case prescribe ; and in reporting to the Senate the Examiners shall pay particular attention to this obligation, and shall give English Literature at least equal weight with either Classics or Philosophy.

4. The Luke Fellowship shall be open to competition in November, 1868, and thereafter triennially (1889).

5. Competitors for the Luke Fellowship must be Masters of Arts of this University, of not more than three years' standing, provided always that students graduating at the supplementary graduation in November of any year shall, for all purposes, be held to have graduated at the ordinary graduation in the May immediately preceding.

6. The Luke Fellowship shall not be held along with the Snell Scholarship, the Clark Scholarship, the Eglinton Fellowship, or the Euing Fellowship.

7. Students who have competed at one Luke Fellowship Examination shall not be admitted to another, nor shall the holder of the Eglinton Fellowship ; but in the event of a candidate's being appointed to a vacancy to be filled for less than three years, and being still eligible, under the usual regulations as above, to compete for the Luke Fellowship on the occasion of the next regular vacancy, he shall be qualified to compete just as if he had not previously held the Fellowship, but in no case shall any student be permitted to hold the Fellowship for more than three years in all.

The Luke Fellowship will be open to competition in November, 1889.

Fellow—John A. Cramb, M.A., 1886.

MACKAY SMITH SCHOLARSHIPS.—These Scholarships were at first intended to have been held by Edinburgh and Glasgow Universities for two years alternately, and were so held by Edinburgh for the Sessions 1882-83 and 1883-84, and by Glasgow for the Sessions 1884-85 and 1885-86.

The founder, Mr. R. Mackay Smith, has intimated his intention of increasing the endowment so as to admit of two Scholarships being maintained continuously in each of the Universities. The regulations will be published in the *Calendar* for next session.

METCALFE FELLOWSHIP.—Founded by the late Miss Sarah Metcalfe, Glasgow. (See under Metcalfe Bursaries, p. 185.)

The following are the regulations of the Metcalfe Fellowship:—

1. There shall be a Fellowship on the Metcalfe Foundation of the annual value of £100, tenable for three years, to be competed for in November, 1872, and thereafter triennially.

2. Candidates must be Masters of Arts with Honours in the department of Mathematics and Natural Philosophy, of not more than three years' standing, provided always that students graduating at the supplementary graduation in November of any year shall for all purposes be held to have graduated at the ordinary graduation in the May immediately preceding.

3. The examination shall be the examination for the Degree of Master of Arts with Honours in the department of Mathematics and Natural Philosophy.

4. The Fellowship shall be held subject to the condition of pursuing a course of study in such of the following subjects—viz., Higher Mathematics, Practical Astronomy, Civil Engineering, and Chemistry—as the Senate shall in each case prescribe.

5. The Metcalfe Fellowship shall not be held along with the Eglinton Fellowship, the Snell Scholarship, or the Breadalbane Scholarship; and the holder of the Eglinton Fellowship shall not be allowed to compete for the Metcalfe Fellowship; but in the event of a candidate being appointed to a vacancy to be filled for less than three years, and being still eligible, under the usual regulations as above, to compete for the said Fellowship on the occasion of the next regular vacancy, he shall be qualified to compete just as if he had not previously held the Fellowship, but in no case shall any student be permitted to hold the Fellowship for more than three years in all.

The examination should, in ordinary course, have been held in November, 1887, but on account of the state of the Metcalfe Funds no appointment can be made till further notice.

SANDFORD SCHOLARSHIP.—Founded in 1862 (by the investment of a sum of £520, raised by subscription), in memory of Sir Daniel K. Sandford, the eminent Professor of Greek in this University, who died in 1838. It is tenable for two years, and is awarded to the student who, on examination, gives proof of the greatest proficiency in the Greek language. Value about £19 per annum.

The examination of candidates for this Scholarship takes place every alternate year in the month of April (1889), and is open to all matriculated students (not Masters of Arts), who have attended the Public Greek Classes for not less than two sessions.

The subjects of examination are selected from the following authors:—Homer, 12 books; Herodotus, 4 books; Sophocles, 3 plays; Thucydides, 4 books; Æschylus, 3 plays; Demosthenes, one or more orations; Aristophanes, 3 plays; Xenophon's *Memorabilia;* Pindar; Plato, one or more dialogues.

Candidates are examined on not more than four of the above-mentioned authors (of which Homer is always one)—two in prose and two in verse; and the subjects for each examination are given out by the examiners at the end of the session previous to that in which the examination takes place. Candidates are also examined on Translations from Greek into English, with Criticisms, and Translations, in prose and verse, from English into Greek.

Scholar—Arthur D. Millar, 1887.

SCOTT SCHOLARSHIP.—(See under head "Scott Bursaries," p. 194.) —This Scholarship, in value £80 per annum, is open for competition to Masters of Arts in the University of Glasgow of not more than three years' standing, having graduated with Honours in Classics or in Mental Philosophy, or to students who, at the time of competition, are presenting themselves for the final examination in the said University for the M.A. Degree with Honours in Classics or in Mental Philosophy. The examination to be in Classics, Mental Philosophy, and English Literature, which may include History. The Scholarship is tenable for two years, and the holder is required to follow such a course of study in the University of Glasgow, or give such assistance in the teaching work of the University as the Senatus Academicus may determine. The Scott Scholarship is not to be held along with any other Scholarship, Fellowship, or Bursary of the University of Glasgow. "The subjects of examination for the said Scholarship shall be, with the addition after-mentioned, Classics or Mental Philosophy, or both of these, the special subjects being those for the examination for the M.A. Degree with Honours in the given department or departments for the year, and in addition to the examination above-mentioned the competitors for the said Scholarship shall undergo an examination in English Literature of a higher kind than that required for an ordinary pass in Mental Philosophy." The Examination in 1888 will be in Mental Philosophy and English Literature.

Scholar—James P. Maclaren, M.A., 1886.

SHAW PHILOSOPHICAL FELLOWSHIP.—This Fellowship was founded by subscription in 1867, in the University of Edinburgh, in memory of Sir J. Shaw, Bart., who was born at Mosshead, in the Parish of Riccarton, and County of Ayr, in 1764, was elected Lord Mayor of London in 1805, and M.P. for the same city in 1806, and after a long and distinguished career, died in London in 1843; and is open to the competition of the Graduates in Arts of any of the Scottish Universities. The Fellowship consists of the free proceeds of the sum of £4,100 mortified to the Senatus Academicus of the University of Edinburgh under the following conditions, namely:—

1. The said Fellowship shall bear the name of "THE SHAW PHILOSOPHICAL FELLOWSHIP," in memory of the said Sir James Shaw, Baronet.

2. The Patronage of the said Shaw Philosophical Fellowship shall belong to the said Senatus Academicus, and shall be exercised by them, subject to the conditions herein contained, for the encouragement of the study of Logic, Metaphysics, including Psychology, Moral Philosophy, and the History of Philosophy.

3. The Fellowship shall be awarded by competitive examination in the subjects of Logic, Metaphysics, including Psychology, Moral Philosophy, and the History of Philosophy.

4. The Fellowship shall, on each occasion of an appointment thereto, be open to the competition of Graduates in Arts of the Scottish Universities—that is to say, the University of Edinburgh, the University of Glasgow, the University of Aberdeen, and the University of St. Andrews, of not more than five years' standing at the time of the competition, and of all students of the said Scottish Universities who, although they have not graduated in Arts, shall yet have successfully passed the last of the examinations necessary for such graduation in Arts, within the period of five years before the time of the competition; and the said Senatus of the University of Edinburgh, with consent of the Senates of the other Scottish Universities aforesaid, or of a majority of them, and with the concurrence of the University Court of the University of Edinburgh, shall have power either to increase or to reduce the number of years of standing as graduates, or as students who have passed all the examinations necessary for graduation, as above fixed, for competitors for the Fellowship.

5. The Fellowship shall be tenable for five years only, but the said Senatus Academicus of the University of Edinburgh shall have power, with consent of the Senates of the other Scottish Universities aforesaid, or of a majority of them, and with the concurrence of the University Court of the said University of Edinburgh, to extend, with reference to all holders of the Fellowship, the term of tenure to any period of years not exceeding ten, if, in the course of time, it shall appear to them desirable to do so, from an increase in the number of foundations of a similar kind in the University of Edinburgh, or in the other Scottish Universities, or other sufficient reason.

6. The competitive examination for the said Fellowship, shall, except in the case below provided for, be conducted by two Examiners, to be appointed in the manner following—to wit, one of the Examiners shall be appointed by the Senatus Academicus of the University of Edinburgh, either from among the members of the said Senatus or others, as they may think proper, and the other Examiner shall be appointed by the Senatus Academicus of one of the other Scottish Universities in rotation.

7. The said Examiners, so appointed, shall report their opinion of the result of the examination to the Senatus Academicus of the University of Edinburgh, who shall, as Patrons of the said Fellowship, appoint thereto the candidate who appears by the report to be best qualified by proficiency in the subjects of Logic, Metaphysics, including Psychology, Moral Philosophy, and the History of Philosophy, provided that, as required by the clause next following, such best qualified candidate shall, in the opinion of both the Examiners, have manifested a sufficiently high degree of proficiency to merit the Fellowship.

9. Each holder of the said Fellowship shall, during his tenure thereof, be entitled to receive the annual proceeds of Four Thousand One Hundred Pounds, and of any addition of the said sum which may hereafter be made thereto, as aftermentioned, after deducting all reasonable expenses, including the payment of remuneration to the Examiners appointed as aforesaid.

12. It shall not be competent for any person to hold the said Fellowship along with any other Fellowship, Scholarship, or Bursary, in any Scottish University, or appropriated to the students of any Scottish University or Universities.

17. It shall be in the power of the Senatus Academicus of the University of Edinburgh to require the holder of the Shaw Philosophical Fellowship during the fourth or fifth year of his tenure of it, to deliver in the University of Edinburgh a Course of Lectures, not exceeding four, on any of the subjects for the encouragement of the study of which the Fellowship has been founded ; and notice shall be given to the holder of the Fellowship twelve months previously to the time fixed for the delivery of the said Lectures that he is required to deliver them ; but the said Senatus, with consent of the University Court of the University of Edinburgh, shall have power to alter the number of Lectures, if it shall be found desirable to do so.

The next Examination for this Fellowship will be held in the College of Edinburgh in December, 1888.

Fellow—John S. Mackenzie, M.A. (of Glasgow University), 1883.

SNELL EXHIBITIONS. — In the year 1677, Mr. John Snell, of Uffeton, in the County of Warwick, a native of Scotland, and formerly student in this University, devised to trustees a considerable estate near Leamington, in Warwickshire, for educating Scottish students at Oxford.

The Exhibitioners are now elected under a scheme settled in the Court of Chancery in 1872. Under the provisions of this scheme it was then arranged that the number of Exhibitioners should be limited to fourteen, it being lawful to elect three in each year, unless the number on the Foundation should thereby be increased beyond fourteen, in which case not more than two were to be elected, the

Exhibition being tenable for five years; but by an agreement of date 2nd April, 1878, under provisions of the same scheme, the following regulations were sanctioned:—

1. The stipend of each Exhibitioner admitted to the foundation after the 31st day of December, 1878, shall be £132.

2. Until the 31st day of December, 1880, the greatest number of Exhibitioners shall be twelve.

3. During the year from the 31st day of December. 1880, to the 31st day of December, 1881, the greatest number of Exhibitioners shall be eleven.

After the 31st day of December, 1881, the greatest number of Exhibitioners shall be ten.

The number of ordinary Exhibitioners it shall be lawful to elect in each year shall be three, unless the number on the foundation for the time being would be thereby increased beyond the greatest number for the time being permitted by this agreement, in which case not more than two shall be elected.

By a subsequent agreement of date 21st January, 1886, the following modifications were made:—

1. The value of the Snell Exhibitions shall be reduced to £80 a year.

2. They shall be held, as heretofore, for five years, but the whole sum of £400 will be paid to each Exhibitioner during the first three years of his tenure in equal annual sums, but a moiety of the last annual payment shall be kept back, if the authorities of Balliol College think fit, until the Exhibitioner shall have taken his Degree.

Candidates must have been born in Scotland, or must be sons of fathers born in Scotland and must "have resided* as Undergraduate Students for two years at least in Glasgow College, or for one year in that College and two at least in some other College in Scotland." "No candidate shall be admitted to examination who shall be a member of the University of Oxford or of more than one year's standing from the day of his matriculation inclusive; and no candidate shall be admitted to examination more than once after he shall have completed his 23rd year; but a candidate otherwise qualified shall not be excluded from examination on the ground that he is a graduate of any Scotch University."

Candidates are expected to inscribe their names in a book kept at the Clerk of Senate's Office for the purpose, not later than 1st December, 1887. The next examination will be held in April, 1888.

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* By Resolution of date December 13th, 1866, the Senate determined that "Residence" shall, for the purpose of the Snell Trust, be constituted by regular attendance as a public student for the complete Winter Session on not less than two of the classes in the curriculum for the Degree of Arts.

The subjects of examination are as follows :—

In Latin, Greek, Logic, and Moral Philosophy.—The subjects of examination for the Degree of M.A., with Honours.

In Natural Philosophy and Mathematics.—The subjects of examination for the Ordinary Degree of M.A. ; and higher subjects which any candidate may express a wish to be examined in.

Candidates are requested to take notice that they are not required to attend the examination in more than one of the three departments of the examinations, viz. : Classics, Mental Philosophy, Mathematics ; that a candidate may be appointed for decided excellence in any one department alone ; and if such excellence in some one of the departments be not displayed by three of the candidates, the Senate will either appoint a candidate who has shown sufficient proficiency in several departments, or will abstain from making three appointments. All candidates, however, will be required to write an English Essay on a subject prescribed at the time.

Exhibitioners—John Pringle Nichol, 1883 ; Francis J. Wylie, 1884 ; William A. Gray, 1885 ; John M'Gilchrist, 1886 ; Charles J. M. Gordon, 1887.

Thomson Experimental Scholarships.—Three Scholarships, in value about £20 each, for the promotion of Experimental Research, founded by Sir William Thomson, LL.D., D.C.L., Professor of Natural Philosophy in the University, by letter to the Principal, of date September 6th, 1869, in which, after referring to "the liberal and friendly spirit which had been shown him by his colleagues in respect to his connection with telegraphic enterprise," and the "facilities for experimenting which the College had afforded him," he states that "he wished to mark his sense of these benefits by setting aside something of what he had received to assist in promoting the cultivation of experimental investigation in Glasgow University," and for this purpose offered for the acceptance of the Senate the sum of £1,000.

The scholars are appointed by the Senate on the recommendation of the Professor of Natural Philosophy from among students who have previously shown their zeal and ability in Experimental Investigations in the Physical Laboratory, and they are required to engage in the continued prosecution of Experimental Investigations in the Laboratory for not less than nine months of the year, to the satisfaction of the Professor of Natural Philosophy. These Scholarships may be held along with any other Bursary, Scholarship, or Fellowship.

Scholars for 1887—Wm. Brown, J. T. Niblett, Andrew Meikle, Thomas A. B. Carver.

3.—PRIZES.

Besides the Class Prizes, and a number of Prizes given by the different Professors for particular kinds of merit, there are others which the generosity of public-spirited individuals has founded for the encouragement of learning in the University.

The names of the Prizemen for Session 1885-86 will be found in the Degree and Prize List.

INDEX.

FOUNDATION.	NATURE OF PRIZE.	AWARDED FOR
Arnott, - - - -	£25 and £15,	Examinations.
Brunton Memorial, -	£10,	Do.
Buchanan (3), - - -	Books,	Do.
Cleland, - - - - -	Gold Medal,	Essay.
Coulter, - - - - -	£5 and £2, 10s.,	Essays.
Cowan (3), - - - -	Gold Medals,	Examinations.
Dobbie-Smith, - - -	Gold Medal,	Essay.
Dowanhill, - - -	£21 and £10, 10s.,	Elocution.
Ewing, - - - - -	Gold Medal (biennial)	Essay.
Findlater, - - - - -	£35,	Examination.
Gartmore, - - - -	Gold Medal (biennial)	Essay.
Gladstone Historical, -	£21 (biennial),	Examination.
Harvey, George, - -	£20,	Do.
Henderson, - - - -	£21,	Essay.
Jamieson, - - - -	£10,	Examination.
Jeffrey, - - - - -	Gold Medal,	Do.
Thomas Logan Memorial	Do.	Do.
Luke Historical, - -	£12 (biennial),	Do.
Macfarlan and Cook, -	£21,	Do.
Muirhead, - - - -	Books,	Do.
Rae Wilson, - - - -	Gold Medal,	Essay.
Reid, John, - - - -	£25,	Original Research.
Ross, Robert (2), - -	Med., books, or money	Examinations.
Scott-Macfarlan, - -	Gold Medal,	Examination.
University, - - - -	Silver Medal,	Essay.
Walker (4), - - - -	Books, &c.,	Examinations.
Watt, - - - - - -	£10,	Essay.

ARNOTT PRIZES.—Founded in 1869, by Dr. Neil Arnott, of London, who presented to the Senate the sum of £1,000 to found a Prize, or Prizes, for the encouragement of the study of Natural Philosophy among the Medical students of the University.

By resolution of the Senate, of date April 10, 1873, the following regulations were adopted :—

1. That there shall be two separate examinations—one in General Physics, for students of the first and second years of their Medical studies; the other for students of the third and fourth years, in

Physiological Physics, or the application of the doctrine of General Physics to Physiological Science.

2. The knowledge required for the second of these examinations being much more extensive, and of a much higher order than that required for the first, and being the kind of knowledge of which it is most important to encourage the cultivation, as not only useful in the practice of the Medical Art, but eminently fitted to advance the Physiological Sciences ; that a sum of not less than Twenty-five pounds be offered annually, in one or several sums, as circumstances may require, to the student or students who excel in the second examination.

3. That the remaining portion of the revenue derived annually from Dr. Arnott's donation be offered in the same way to the student or students who excel in the first examination.

4. That the first examination be under the superintendence of the Faculty of Arts, with the Professors of Physiology and of Anatomy as Assessors.

5. That the second examination shall be under the superintendence of the Medical Faculty, with the Professors of Natural Philosophy and of Mathematics as Assessors.

6. That all candidates shall, at the commencement of each session, intimate their intention to the Assistant Clerk (Matriculation Office); and that, to prevent unqualified persons from coming forward, each candidate shall produce satisfactory evidence of his having attended a Course of Lectures on Natural Philosophy, or of having been a pupil in a Laboratory where Practical Physics or Practical Physiology is taught ; or, failing of these qualifications, he shall deposit the sum of ten shillings, which shall be forfeited if his examination marks fall below the average standard.

7. That every candidate who passes creditably the first examination shall be thereby entitled to come forward for the second, without being obliged to deposit the sum of ten shillings.

8. That no prize shall be awarded without sufficient merit being shown, and that in the event of one or more of the prizes on any occasion not being awarded, the amount shall be added to the principal sum.

The examination will be in writing, and will be held on Saturday, the 5th November, 1887, in the Examination Hall, at 2 P.M. Intending candidates to give in their names to the Assistant Clerk (Matriculation Office) on or before the 1st October.

BRUNTON MEMORIAL PRIZE.—Founded in 1879, in memory of the late Duncan M. Brunton, M.A., M.B., Paisley, a distinguished graduate of this University, who died on 16th November, 1876, of fever, contracted in the diligent discharge of his professional duties in the Royal Infirmary of Paisley. The Committee of Subscribers paid over to the Senate the sum of £300, the interest of which is to be given annually to the most distinguished graduate in Medicine of the year.

BUCHANAN PRIZES.—A Bursary was founded in 1866, in recognition of the eminent services of Robert Buchanan, LL.D., as Professor of Logic and Rhetoric in the University during the long period of forty years. The fund consists of a sum of £314 raised by subscription. The Buchanan Bursaries having been founded under the Will of Professor Buchanan, the proceeds of this fund are now, with the sanction of the subscribers, applied to the purchase of books, which are annually awarded to the most distinguished students in the classes of Logic, Moral Philosophy, and English Literature.

CLELAND GOLD MEDAL.—Dr. James Cleland, Superintendent of Public Works in Glasgow, who died 14th October, 1840, founded a Gold Medal of the value of Ten Guineas, to be bestowed in alternate years on a student of Divinity and a student of Natural Philosophy, as a prize for the best Essay on any subject to be prescribed by the Principal and Professors of the University.

COULTER PRIZES.—In 1787, Mr. James Coulter, merchant in Glasgow, bequeathed £200 to the University, "the annual proceeds to be applied in premiums, one or more, either pecuniary or honorary, for the encouragement of Composition and Elocution, upon subjects of the Faculty's choosing." The interest of this sum is now divided into Two Prizes, the one of £5 and the other of £2 10s.; the former to be given in alternate years for a Sermon or Theological Essay, and for an Essay on Mental Philosophy and English Literature, the latter to be given annually for a translation from some Classical Author, or other composition connected with Classical Literature. The competition for these prizes is open to all students of the University.

COWAN GOLD MEDALS.—In 1836, Dr. Cowan of Sunderland, presented to the University the sum of £400, the interest to be applied annually in the purchase of Two Gold Medals of the value of £10 10s. each, to be awarded to the two students who may distinguish themselves most in the Greek and Latin Examination upon the Blackstone; and shortly afterwards (1839) the same gentleman presented the University with an additional sum of £105, the interest to be expended annually in the purchase of a Gold Medal of the value of £5, to be awarded to the best student in the Humanity Class.

The examination for Dr. Cowan's Blackstone Medals will be held early in November, 1887. Competitors to be eligible must be public students in some curriculum class in the Faculty of Arts.

For the Greek Medal—1. A candidate must have received a Certificate in the Greek Class for Session 1886-7.

2. Every candidate will be required to answer a Preliminary Paper, consisting of unprepared passages for translation.

3. Two or more candidates, selected by this paper, will on a subsequent day be examined orally in the books which they offer.

4. Each selected candidate must offer for the Oral Examination (i.) one Verse Subject, (ii.) one Prose Subject. (i.) The Verse Subject may be *either* five books of Homer, *or* two Greek plays (tragedies or comedies). (ii.) The Prose Subject may be any *one* of the following :—(*a*) Herodotus—two books; (*b*) Thucydides—two books; (*c*) Plato—two dialogues, or two books of the *Republic;* (*d*) Aristotle—two books of the *Ethics*, of the *Politics*, or of the *Rhetoric*.

5. Any member of the Greek Class for Session 1887-8 is at liberty to go in for the Preliminary Paper, even though he is not a candidate for the Cowan Medal ; and, if he acquits himself with distinction in that paper, his name will be mentioned when the award of the Medal is announced.

For the Latin Medal, competitors must in the session preceding the competition have received a public ticket of the Latin Class.

Notice is hereby given, that at the examination for Dr. Cowan's Medals in November, 1887, and thereafter, no one will be admitted to compete for the Greek Cowan Medal who has attended for more than three sessions, or who, after passing the preliminary examination in Greek, has attended for more than two sessions in any Scottish University, and no one shall be admitted to compete for the Latin Cowan Medal who has attended for more than two sessions, or who having been admitted to the Senior Class in consequence of having passed the preliminary examination in Latin, has attended for more than one session in any Scottish University.

DOBBIE-SMITH GOLD MEDAL.—In 1881 Mr. Thomas Smith, L.R.C.S.E., Heriot Hill House, Edinburgh, presented to the University, in memory of his wife, lately deceased, the sum of £150 for the purpose of founding a University Gold Medal of about £10 in value, to be given biennially for the encouragement of the study of Botany. The competition is open to all Matriculated Students of the Session in which the Medal is to be awarded ; the subject of competition—which shall always be a Botanical subject—to be selected by the Professors of Botany and Natural History, and announced at least eighteen months before the date fixed for receiving essays.

The subject for the next competition to be an Essay "On any branch of Plant Pathology. The essay to be accompanied by an illustrative series of macroscopic and microscopic specimens." Essays to be given in to the Principal on or before 15th November, 1887.

DOWANHILL PRIZES.—Two prizes, one of £21, and the other of £10 10s., for "Excellence in the Art of Oratory and Declamation, and in the practice of a refined and pleasing Delivery, and in reading the Scriptures," founded in 1865, by Mr. John Buchanan, merchant in Glasgow, as sole Trustee, nominated and appointed by his deceased brother, Mr. Thomas Buchanan, also merchant in Glasgow, and in order to carry out the intentions of his said brother. These prizes are awarded annually to Students of Divinity, at the termination of the third or fourth session of their attendance on the Hall, by the votes of their fellow-students. Competitors must have attended for two sessions an Elocution Class, taught by a master approved by the Senate.*

The above foundation is in memory of the late Mr. James Buchanan, of Dowanhill, of Ellison MacCallum, his wife, and of Mr. George Buchanan, of Stanley, Perthshire, the Father, Mother, and elder Brother of the Founder.

EWING GOLD MEDAL.—In 1828, James Ewing, LL.D., of Levenside, presented the University with £100 for a Gold Medal to be given every second year for the best essay on an historical subject. The Gartmore and Ewing Medals are to be given alternately.

FINDLATER (DIVINITY) SCHOLARSHIP OR PRIZE.—This Scholarship, consisting of the free annual proceeds of the sum of £1,000 gifted to the Senate by Mr. Alexander Findlater, Dublin, was founded in 1871. The following regulations were adopted by the Senate, Nov. 30th, 1871, with modifications on 9th March, 1882, and 20th March, 1884:—

1. The Findlater Scholarship shall be awarded annually by competition.

2. At the competition in November, 1885, and thereafter biennially (1887), the examination shall be in Hebrew, New Testament Exegesis, and Apologetics; at the competition in April, 1885, and thereafter biennially (1889), the examination shall be in Divinity (Biblical and Systematic Theology), Church History, and Biblical Criticism.

3. The subjects of examination in each of the departments shall be the same as those prescribed for the Degree of B.D.

4. The examination shall be held at the same time as the examination for the degree of B.D.

5. The competition shall be open to all students of Divinity who shall complete the ordinary course at the close of the session in which the examination is held, or who shall have completed their course at the close of the session immediately preceding.

The next competition will take place in November, 1887, the examination being in Hebrew, New Testament Exegesis, and Apologetics. Names of Candidates to be given in to the Assistant Clerk (Matriculation Office) on or before 1st October.

GARTMORE GOLD MEDAL.—In 1788, Mr. Robert Grahame, of Gartmore, presented the University with £100 for the institution of a Prize for the best essay on any subject intimately connected with the nature, foundation, advantages, and support of political liberty. This Prize—a Gold Medal—is open to the competition of all students of the University, and is given biennially. The surpluses to be accumulated till a capital is formed sufficient to found a Bursary.

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* See Note at page 62.

GLADSTONE HISTORICAL PRIZE—Founded in 1880 by the Gladstone Club, in commemoration of the election in 1877 of the Right Honourable William Ewart Gladstone, M.P., as Lord Rector of Glasgow University, and in recognition of his distinguished career as a scholar, author, statesman, and orator. The following are the regulations:—

1. The Prize shall be given for the best examination in English History.

2. The examination shall be held biennially.

3. The value of the Prize shall be Twenty Guineas.

4. The competition shall be open to Graduates of Glasgow University of not more than two years' standing from the date of their first graduation. The fourth competition will take place in January, 1888. Names of competitors to be given in to the Assistant Clerk (Matriculation Office) not later than 1st December, 1887.

GEORGE HARVEY PRIZE.—Founded in 1874, by the liberality of a donor who withholds his name, in memory of the late Mr. George Harvey, of No. 9 Park Quadrant, Glasgow. Annual value, ordinarily £20, which is given as a prize in the class of Civil Engineering, to the student who shows, during the session, the greatest proficiency in the department of applied Mechanics and Shipbuilding. Any accumulation of surplus income to be given as a second prize of £5 or £10 in the same department.

HENDERSON PRIZE.—In 1850, Mr. John Henderson, of Park, merchant in Glasgow, instituted an annual prize of the value of £21 sterling, to be called the "Henderson Prize," for the best Essay on some subject relating to the Divine Authority and Practical Value and Influence of the Sabbath.

JAMIESON PRIZE.—In 1854 a subscription list was opened for the foundation of a prize or scholarship in Divinity, but the commercial difficulties of the following years prevented the purpose of the promoters being carried out at the time. In 1881 the sum subscribed, amounting, with accumulated interest, to £319 6s. 4d., was handed over to the University, and the Senate resolved to connect it with the name of the Convener of the Committee of subscribers, the Rev. Robert Jamieson, D.D., formerly minister of St. Paul's Church, Glasgow.

The following Regulations were adopted by the Senate, March 9th, 1882, with modifications on 20th March, 1884 :—

1. The Jamieson Prize shall be awarded annually by competition.

2. At the competition in April, 1889, and thereafter biennially, the examination shall be in Divinity, Church History, and Biblical Criticism ; at the competition in November, 1887, and thereafter biennially, the examination shall be in Hebrew, New Testament Exegesis, and Apologetics.

3. The subjects of examination in each of the departments shall be the same as those prescribed for the Degree of B.D.

4. The examination shall be held at the same time as the examination for the Degree of B.D.

5. The competition shall be open to all students of Divinity who shall complete the ordinary course at the close of the session in which the examination is held, or who shall have completed their course at the close of the session immediately preceding.

6. The Prize shall not be awarded to any one who has gained a Scholarship or Fellowship in Divinity.

The next competition will take place in November, 1887, the examination being in Hebrew, New Testament Exegesis, and Apologetics. Names of candidates to be given in to the Assistant Clerk (Matriculation Office) on or before 1st October.

JEFFREY GOLD MEDAL.—Mr. Francis Jeffrey, advocate (afterwards Lord Jeffrey), on his re-election as Lord Rector of this University, in 1821, gave a prize of a Gold Medal, and continued to do so annually.

In 1849, Lord Jeffrey presented the University with the sum of £120 for a Gold Medal to be awarded each session to the most distinguished student of the Greek Class.

THOMAS LOGAN MEMORIAL MEDAL AND PRIZE.—Mr. David Logan, fruiterer, Glasgow, who died on 19th May, 1886, directed his trustees to pay to the Senate the sum of £500, free of legacy duty, to found a Gold Medal and Prize in memory of his brother, Thomas Logan. The Medal is of the value of £5, and the Prize consists of the balance of the annual proceeds given in money. They are awarded annually in November to the most distinguished graduate in Arts of the year.

LUKE HISTORICAL PRIZE.—A sum of £150 was collected in 1863 by various friends of the late Mr. George Rankin Luke, in Oxford and Scotland, for the purpose of founding a prize in his name, in connection with the University of Glasgow, where he studied during two years of his brilliant career as a scholar.

The Senate, with the sanction of the promoters of this fund, resolved to employ it to found a biennial Prize, for excelling in a competitive examination on general subjects connected with Ancient

History and Literature. The examination to be conducted either altogether in writing, or by combination of writing and *viva voce* questions; and the determination to rest with the Professors of Humanity and Greek, in conjunction, in case of uncertainty, with any one of their colleagues whom they may desire to nominate.

The Prize on the above foundation is given to the student who acquits himself best in an examination in Ancient Greek and Roman History.

The next competition will be held in January, 1889. In addition to historical questions, original passages will be given for translation from the standard authors. The competition is open to all students who shall have attended during session 1887-88 any Greek or Latin Class.

Names of Candidates to be given in to the Assistant Clerk (Matriculation Office) on 1st December, 1888.

MACFARLAN AND COOK TESTIMONIAL PRIZE.—The Macfarlan and Cook Testimonial Prize of Twenty Guineas, instituted in 1847 (along with a similar Prize in the University of St. Andrews), by the friends of the late Principal Macfarlan, D.D., of this University, and Professor George Cook, D.D., of St. Andrews, as a memorial of the services rendered to the Church of Scotland by these eminent clergymen, is bestowed annually on the Theological Student, of three years' standing, who shall pass the best examination in Greek, Moral Philosophy, Hebrew, Ecclesiastical History, and Divinity.

MUIRHEAD PRIZES.—In 1776, Messrs. John Muirhead of Teggetsheugh, and Peter Muirhead, Minister of Dysart, brothers of the deceased Mr. George Muirhead, Professor of Humanity in Glasgow College, presented a donation of £100, the interest to be applied in purchase of books to be awarded as prizes to those students attending the Humanity class who shall be thought most deserving.

RAE WILSON GOLD MEDAL.—Dr. William Rae Wilson, of Kelvinbank, who died 2nd June, 1849, bequeathed the sum of £300, two-thirds of the interest of which he appointed to be applied annually to the purchase of a Gold Medal to be bestowed upon the Divinity student who shall produce the best Prize Essay on "The Life of our Adorable Redeemer, Jesus Christ; His Righteousness, Atoning Death, and that Everlasting Benefit arising from these blessings to a lost and miserable world."

JOHN REID PRIZE.—A Prize of the value of £25 has been founded by Miss Mary Reid, 15 Woodside Quadrant, Glasgow, in memory of her brother, the late Mr. John Reid, surgeon, 150 Renfrew Street, Glasgow. The prize will be awarded for the best original research conducted in one of the Hospitals or Scientific Laboratories in Glasgow, bearing on any department of Medical Science. Competitors must be registered students of medicine (not in possession of a legal qualification) of not less than two years' standing at the date of application, and they will require to produce evidence of having attended a regular course of instruction, in one of the medical schools of Glasgow, on *four* of the following subjects :— Medicine, Clinical Medicine, Surgery, Clinical Surgery, Materia Medica, Physiology, Pathology—such course of instruction having been received, in whole or in part, within two years of competing for the prize. The prize may be awarded for one, two, or three years, according to the value of the work done.

Further information may be obtained from Mr. John Hurll, jun., writer, 121 West Regent Street, Glasgow.

ROBERT ROSS PRIZE.—The late Robert Ross, Esq., writer, Glasgow, by his Will, dated 1880, bequeathed to the Dean and Council of the Faculty of Procurators, Glasgow, the sum of £500, to be held by them in trust, " to the end that the free annual income thereof shall be applied as an annual prize in the form of a medal, of books, or of money, as the Dean and Council may determine, to a student in each of the Scots Law Class and the Conveyancing Class of the University of Glasgow in equal proportions, such prize to be awarded for eminence displayed, either in the general business of the class or in any other manner in which the said Dean and Council may prescribe."

SCOTT-MACFARLAN GOLD MEDAL.—Founded in 1870, by Miss Scott, daughter of the late Rev. Robert Allan Scott, Vicar of Cranwell, Lincolnshire, in fulfilment of her father's intentions.

Mr. Scott, wishing to encourage the study of Greek in the University of Glasgow, of which he was an alumnus, and from which he obtained an Exhibition to Balliol College, Oxford, in 1825, dedicated to that purpose the sum of £100 for a Gold Medal, to be called the "Scott-Macfarlan Prize for Greek," in memory of Mr. Scott's kinsman, the late Principal Macfarlan, and to be given on the last day of the session in each year to the best scholar in Greek of the session; the Medal to be adjudged by the votes of the students of the upper Greek class. As the Jeffrey Medal has long been given to the best student in the senior Greek Class, Miss Scott consented to give the "Scott-Macfarlan" Medal to the best student in the middle class.

UNIVERSITY MEDAL.—The University bestows annually a Silver Medal for an Essay in Mental Philosophy.

WALKER PRIZES.—Four Prizes (consisting of Books or Instruments) to be competed for each year by students of Civil Engineering and Mechanics, founded in 1857 and 1861 by James Walker, Esq., Civil Engineer, LL.D., F.R.SS.L. and E.

The competition is open to all persons who shall have duly entered themselves as attending the class of Civil Engineering and Mechanics during the current session.

The competitors are examined orally and in writing; and two of the prizes are awarded on the results of the written examinations; the other two by votes of the class.

WATT PRIZE.—In 1808, James Watt, LL.D., presented the College with a perpetual annuity of £10, for the institution of a prize, to be awarded to the author of the best Essay on some subject in the following branches of study, to be taken in rotation:—1. Any branch of Mechanics or its dependent Arts. 2. Statics, and the Machines and Arts dependent. 3. Pneumatics, Statistical or Chemical, Machines and Arts. 4. Hydraulics, Hydrostatics, their Machines and Arts. 5. Chemistry, its Arts and Apparatus. All actual students who have completed, or who, at the end of the session in which the Prize is awarded, shall have completed a regular course of study in Languages and Philosophy, may be competitors.

4.—*LIST OF BURSARIES, &c., OPEN TO COMPETITION DURING SESSION* 1887-88.

A.—FACULTY OF ARTS.

1. BURSARIES.

The greater number of the Faculty of Arts Bursaries in the patronage of the Senate are awarded in accordance with the results of the Annual Bursary Examinations held at the commencement of the Winter Session. The various open Bursaries are awarded, according to their respective values, to those who stand highest in the List published by the Examiners. In the case of Bursaries restricted to the inhabitants of particular localities, the competitors have to undergo the same examination as those competing for open Bursaries, and the Bursaries are awarded to those students among the qualified candidates who pass the best examination. The Faculty of Arts are ready to receive at the same time for examination candidates for any Local Bursaries who may be sent to them.

The examination for these Bursaries is combined with the Preliminary Examinations in Latin, Greek, and Mathematics, and comprises papers in Latin and Greek Grammar and Syntax, Latin Prose Composition, translations of passages from ordinary Latin and Greek Authors, Mathematics (see page 104), together with questions to test general knowledge and facility of composition in English.

The competitors for all Arts Bursaries, for students entering the first or second session, are examined on the same set of papers ; but the same standard of excellence is not expected from candidates for Bursaries for which the competition is restricted, as from candidates for open bursaries ; and in the case of Bursaries restricted to particular localities, or particular names or classes, students who show satisfactory knowledge of Latin and Greek Grammar, and of Arithmetic, with the Elements of Mathematics, will be considered to have done well enough to have a Bursary awarded to them.

For Students Entering the First Session in Arts.

1. *Black Bursary*, annual value £21, tenable for four years—open.

2. *Brown Bursary*, annual value £6 13s. 4d., tenable for four years—open.

3. *Forfar Bursary*, annual value £20, tenable for four years—open.

4. *Foundation Bursary*, annual value £10, tenable for four years—open.

5. *General Council Bursary*, annual value £20, tenable for three years—open.

6. *John Leyden Bursary*, annual value £16, tenable for three years—open.

7. *MacGrouther Bursary*, annual value £20, tenable for four years—open.

8. *Scott Bursary*, annual value £25, tenable for four years—open.

9, 10, 11, and 12. *Four John Clark* (*Mile End*) *Bursaries*, annual value £30 each, tenable for four years, for Protestant students, sons of Protestant parents.

13 and 14. *Two Biggart Memorial Bursaries*, annual value £25 each, tenable for four years, for students preparing for the Ministry of the United Presbyterian Church.

15. *Brand Bursary*, annual value about £26, tenable for four years, for students preparing for the Ministry of the United Presbyterian Church.

16. *Browne* (*Ayrshire*) *Bursary*, annual value about £17 10s., tenable for four years, for students from Ayrshire.

17. *Cowan Bursary*, annual value £35, tenable for two years, for students from Ayr Academy. Apply to W. F. M'Cubbin, Esq., Ayr, before the fifteenth day of October.

18. *Archibald Craig Bursary*, annual value £8 10s., tenable for two years, for students from Eaglesham or Mearns.

19. *Denny Bursary*, annual value £30, tenable for four years, for students from Dumbarton Burgh Academy. [Tenable in any Faculty.]

20. *Duncan's Bute Bursary*, annual value £35, tenable for four years, for students from Bute.

21. *James Ewing Bursary*, annual value £20, tenable for four years, for sons of Glasgow merchants. Apply to W. H. Hill, Esq., Clerk to the Merchants' House, before the first day of October.

22, 23, and 24. *Three Fullarton of Overton Bursaries*, annual value £10 each, tenable for two years, for students under 25 years of age, from the district of Cunninghame, in Ayrshire. Subjects of Examination—Latin, Elementary Mathematics, and English.

25 and 26. *Two Glasgow City Educational Endowments Bursaries*, annual value £25 each, tenable for four years, for students from public or State-aided schools in Glasgow. Apply to Rev. F. L. Robertson, D.D., Hutchesons' Buildings, Ingram Street, before the first day of October.

27. *Hannay Bursary*, annual value about £15, tenable for three years, for students preparing for the Ministry of any Evangelical Religious Denomination in Scotland. Apply to Robert Brodie, Esq., 77 St. Vincent Street, before the first day of October.

28. *Laing Bursary*, annual value £20, tenable for three years. Preference, *cæteris paribus*, to natives of Brechin.

29. *James Lochhead Bursary*, annual value about £16, tenable for three years. Preference to students of the name of Lochhead, whose parents are members of the Established Church of Scotland.

30. *Lochhead and Mitchell Bursary*, annual value about £32, tenable for four years. Preference to students of the name of Mitchell or Lochhead, whose parents are members of the Established Church of Scotland.

31. *Lusk Bursary*, annual value £33, tenable for three years, for students preparing for the Ministry of any of the Presbyterian bodies in Scotland.

32, 33, 34, 35, 36, and 37. *Six Orr Ewing* (*Dumbartonshire*) *Bursaries*, annual value £25 each, tenable for four years, open only to candidates under 17 years of age from public or State-aided schools in the County or Presbytery of Dumbarton.

38. *First Patrick Bursary*, annual value about £80, tenable for two years, for students from Renfrewshire.

39. *Pollock Bursary*, annual value £35, tenable for three years. Preference to candidates educated in Paisley.

40. *Stewart Bursary*, annual value £15, tenable for four years, for students of the name Stewart or Simpson.

FOR STUDENTS ENTERING THE SECOND SESSION IN ARTS.

Nos. 3, 4, 5, 15, 20, 22, 23, 24, 31, 40, in the preceding list.

41. *Park General Council*, annual value £20, tenable for two years—open.

FOR STUDENTS ENTERING THE THIRD SESSION IN ARTS.

42 and 43. *Two Lorimer Bursaries*, annual value £18 each, tenable for three years. The examination will take place along with the preliminary examinations in Mathematics for M.A., but may embrace higher papers.

44. *John Ferguson Jaffrey Bursary*, annual value £32 10s., tenable for two years. Subjects of Examination—Professor Veitch's *Institutes of Logic*, *Part I.* (large print only); Descartes (English translation of 1879, or subsequent edition), Sections I., II., III.; Discourse on Method; Meditations, I. and II.; Spalding's *English Literature*, pp. 169-269; Milton's *Paradise Lost*, Book I.; Zeller's *Socrates and the Socratic Schools* (translated by Reichel), pp. 1-200.

45 and 46. *Two Lorimer Bursaries*, annual value £18 each, tenable for three years. Subjects of Examination—same as for No. 47.

FOR STUDENTS IN ARTS, WITHOUT RESTRICTION TO A PARTICULAR SESSION.

47. *James Ferguson Bursary*, annual value £70, tenable for two years.

The examination is the same as that for honours in the department of Mental Philosophy with a paper on English Literature.

48. *Malcolm Kerr Bursary*, annual value £18, tenable for three years. The subjects of examination are the same as those in Natural Philosophy for M.A. with Second Class Honours.

49. *Monteith Bursary*, annual value about £16, tenable for three years. Open only to natives of Scotland and sons of Scottish parents. Examination in French.

50. *Muir Junior Bursary in Mathematics*. annual value £8 15s., tenable for sessions 1888-9, 1889-90. The appointment will be determined by the results of the written examinations passed in the course of the session 1887-8 by the public students of the upper junior class of Mathematics.

51. *Muir Senior Bursary in Mathematics*, annual value £17 10s., tenable for session 1888-9. The appointment will be determined by the results of the written examinations passed in the course of the session 1887-8 by the public students of the Senior Mathematical Class.

52 and 53. *Two Muir Bursaries in Civil Engineering and Mechanics*, annual value £17 10s. each, tenable for session 1888-9.

For Students in Arts or Law or Medicine.

54 and 55. *Two Macdonald Bursaries*, annual value £16 10s. each, tenable for four years, for miners under the age of 21 years. Examination in writing, arithmetic, geography, grammar, and history.

2. FELLOWSHIPS, SCHOLARSHIPS, Etc.

56. *William Ewing Fellowship in Classics*, annual value £80, tenable for four years. Open to Glasgow Masters of Arts.

57. *John Clark (Mile-end) Scholarship in Classics*, annual value £50, tenable for four years. Open to all Protestant students of good moral character, sons of Protestant parents, and who have completed their curriculum in Arts in Glasgow University.

58. *John Clark (Mile-end) Scholarship in Mental Philosophy*, annual value £50, tenable for four years. Open to all Protestant students, of good moral character, sons of Protestant parents, and who have completed their curriculum in Arts in Glasgow University.

59. *George A. Clark Scholarship in Mathematics and Natural Philosophy*, annual value about £192, tenable for four years. Open to Glasgow Masters of Arts with Honours, or students presenting themselves for the final examination for the M.A. Degree with Honours in Mathematics, including Pure Mathematics and Natural Philosophy, but no student shall be eligible for the examination after the expiration of more than three winter sessions from the time of his completing the course necessary for the M.A. Degree.

60. *Breadalbane Scholarship*, annual value £50, tenable for three years.

Open to Glasgow Masters of Arts or Bachelors of Science in the department of Engineering Science, who have graduated within a period of not more than three years preceding the competition.

61. *Eglinton Fellowship in Classics and Mental Philosophy*, annual value about £100, tenable for three years. Open to Glasgow Masters of Arts who have graduated in May, 1887, or who may graduate in November, 1887.

62. *Clydebank Scholarship in Naval Architecture*, annual value £10, tenable for two years. Open to young men not under eighteen years of age, who have been employed at least three years as working apprentices, or in the drawing offices of shipbuilding or engineering works situated in the districts of Clydebank, Yoker, or Dalmuir.

63. *Snell Exhibition*, value about £133 a year, for three years. Candidates must have been born in Scotland, or must be sons of fathers born in Scotland, and must "have resided as undergraduate students for two years at least in Glasgow College, or for one year in that College and two at least in some other College in Scotland."

64. *Armagh Bursary*, annual value £25, tenable for three years. Open to Masters of Arts in their first session of Theology, Law, or Medicine. The most distinguished Graduate in Arts of the year, who offers himself as a candidate, is appointed by the Senate.

65. *Gladstone Historical Prize* of £21, open to Graduates of Glasgow University of not more than two years' standing from the date of their first graduation.

DATES OF EXAMINATIONS.

The examinations for Bursaries Nos. 1 to 41 inclusive, in the above list, will commence on Tuesday, 25th October, at 10 a.m. The examination papers will be given in the following order, viz. :—

On Tuesday, 25th October,	at 10 a.m.,	Latin (1st paper).
,, ,,	1 p.m.,	Latin (2nd paper).
,, ,,	3.30 p.m.,	Latin (3rd paper).
On Wednesday, 26th October,	at 10 a.m.,	Mathematics (1st paper).
,, ,,	2 p.m.,	English.
On Thursday, 27th October,	at 10 a.m.,	Greek (1st paper).
,, ,,	2 p.m.,	Greek (2nd paper).
On Friday, 28th October,	at 10 a.m.,	Mathematics (2nd paper).

The examinations for Bursaries Nos. 42 and 43 will be held on Wednesday, 26th October, and Friday, 28th October, at 10 a.m. each day ; for Bursaries Nos. 44 to 47 inclusive, on Saturday, 29th October, Wednesday, 2nd November, and Thursday, 3rd November, at 10 a.m. each day ; for Bursary No. 48, on Saturday, 5th November, at 10 a.m. ; for Bursary No. 49, on Saturday, 29th October, at 2 p.m. ; and for Bursaries Nos. 54 and 55, on Wednesday, 5th October, at 9 a.m.

The examinations for the Scholarships and Fellowships, Nos. 56 to 61 inclusive, in the above list, will be held along with the examinations for Honours in the several departments for the degree of M.A. in October and November, 1887; for No. 62, on Friday, 4th November, at 11 a.m., and Saturday, 5th November, at 10 a.m.; for No. 63, along with the examinations for Honours, in April, 1888; and for the Prize, No. 65, in January, 1888.

Dates for sending in Applications.

Candidates for the Bursaries Nos. 1 to 43 inclusive are required to give in their names to the Assistant Clerk (Matriculation Office) not later than Tuesday, 18th October; for Bursaries Nos. 44 to 49, not later than Saturday, 1st October; and for Bursaries Nos. 54 and 55, not later than Thursday, 22nd September. A schedule, which is to be filled up by each candidate, may be obtained from the Assistant Clerk (Matriculation Office). Candidates for the Bursary No. 17 must, besides, give in their names to W. F. M'Cubbin, Esq., Ayr, before the fifteenth day of October; for No. 21, to W. H. Hill, Esq., Clerk to the Merchants' House, before the first day of October; for Nos. 25 and 26, to the Rev. Dr. Robertson, Hutchesons' Buildings, Ingram Street, before the first day of October; for No. 27, to Robert Brodie, Esq., 77 St. Vincent Street, before the first day of October.

Candidates for the Fellowships, etc., Nos. 56 to 62 inclusive, are required to give in their names to the Assistant Clerk (Matriculation Office) not later than 1st October; for No. 63 candidates are expected to inscribe their names in a book kept at the Clerk of Senate's Office for the purpose, not later than 1st December, 1887; and for No. 64 and 65, candidates are required to send their names to the Assistant Clerk (Matriculation Office) on 1st December, 1887.

B.—FACULTY OF DIVINITY.

1 and 2. *Two John Adam Bursaries*, annual value £15, tenable for four years. Open to students of Theology of the first year.

3. *Black Bursary*, annual value £42, tenable for three years. Open to members of the Established Church of Scotland, who are Master of Arts of any Scottish University, or who have passed their examinations in any two departments for graduation in Arts.

4. *Logan Bursary*, annual value £15, tenable for three years. A preference, *cæteris paribus*, is given to the names Logan and Johnstone.

5 and 6. *Two Lorimer Bursaries*, annual value of each £18, tenable for three years. Open to students entering the Divinity Hall.

7. *Marshall Bursary*, annual value £17, tenable for four years. Open to students entering upon the Study of Divinity, with a preference to the name Marshall.

8. *Notman Bursary*, annual value £16 10s., tenable in the Divinity course.

9. *John Ross, Jun., Bursary*, annual value £35, tenable for three years. Open to students of Divinity of the first year preparing for the ministry of the Established Church of Scotland.
10. *Muir Divinity Bursary*, annual value £25, tenable for two years. Apply to the Rev. Dr. Robertson, Hutchesons' Buildings, Ingram Street, on or before the sixth day of November.
11. *The Findlater Scholarship Prize*, value about £35 sterling, for an examination in Hebrew, New Testament Exegesis, and Apologetics. Open to Divinity students who have completed the ordinary course in Session 1886-7, or who shall complete it in Session 1887-8.
12. *The Jamieson Prize*, value about £10 sterling, for an examination in Hebrew, New Testament Exegesis, and Apologetics. Open to Divinity students who have completed the ordinary course in Session 1886-7, or who shall complete it in Session 1887-8.
13. *The Macfarlan and Cook Testimonial Prize*, of £21, open to Theological students of three years' standing. Examination in Greek, Moral Philosophy, Hebrew, Church History, and Divinity.

14 and 15. *Two Dowanhill Prizes*, one of £21, and the other of £10 10s., for Elocution. Open to students of Divinity of the third year.

DATES AND SUBJECTS OF EXAMINATIONS.

The Examinations for Bursaries and Prizes Nos. 1 to 12 inclusive, in the above list, will be held on Friday, 11th November, and Saturday, 12th November, at 10 a.m. each day.

The following are the subjects of examination for Bursaries Nos. 1 to 10:—

LATIN.—Cicero, *De Senectute*. Virgil, *Aeneid*, Book I. Translation from English into Latin.

GREEK.—Xenophon, *Anabasis*, Book V. The Epistles to *Philippians*, *Colossians*, and *Philemon*.

LOGIC.—Jevons, *Elementary Lessons in Logic*.

MORAL PHILOSOPHY.—Sidgwick, *Outlines of the History of Ethics*.

ENGLISH.—Morley, *First Sketch of English Literature*, Chapter VII.

MATHEMATICS.—Euclid, Books I., II., III. Algebra to Quadratic Equations, inclusive.

NATURAL PHILOSOPHY.—Balfour Stewart, *Elementary Physics*, Books I., II., VII., VIII.

The subjects of examination for the Prizes Nos. 11 and 12 are the same as for the *First* Department of the Degree of Bachelor of Divinity.

The subjects of examination for the Prize No. 13 for Session 1887-8 are as follows :—

GREEK.—Mark i. 1—viii. 26. Euripides, *Hecuba.*

DIVINITY.—Doctrine of Christ's Person and Work. Biblical Theology—Discourses in Book of Acts, and First Epistle of Peter.

HEBREW.—The Books of Joel, Obadiah, Jonah, Nahum, Habakkuk, Zephaniah, and Psalms i.—xli.

CHURCH HISTORY.—Period from the Birth of Christ to the Council of Nice, inclusive.

MORAL PHILOSOPHY.—Ferrier, *Lectures on Greek Philosophy.*

DATES FOR SENDING IN APPLICATIONS.

Candidates for the Bursaries Nos. 1 to 9 and for the Prizes Nos. 11 to 13 are required to give in their names to the Assistant Clerk (Matriculation Office) not later than 1st November, 1887, and for the Prizes Nos. 14 and 15, to the Professor of Divinity on or before 20th March, 1888.

C.—FACULTY OF LAW.

Merchants' House Bursary, annual value £25, tenable for three years. Open to students entering on their first session of attendance on the classes in the Faculty of Law.

The Examination will be held on Tuesday, October 25th, and three following days, at 10 a.m. on each day. Applications to be lodged with W. H. Hill, Esq., LL.D., Clerk to the Merchants' House, on or before 1st October, 1887.

For the Armagh and the Macdonald Bursaries, see Nos. 64, 54, and 55 under Faculty of Arts.

D. FACULTY OF MEDICINE.

1. *Malcolm Kerr Bursary*, annual value £18, tenable for three years by students of Chemistry.

2 and 3. *Two Lorimer Bursaries*, annual value £18 each, tenable for three years, open to medical students entering on their second session.

4. *Macfarlane Bursary*, annual value about £40, tenable for three years, open to medical students entering on their second session.

5. *Rainy Bursary*, annual value £20, tenable for two years, open to students entering on their third session of medical study.

6. *Merchants' House Bursary*, annual value £25, tenable for four years, open to students entering on their first session of medical study.

7. *John Monteith Bursary*, annual value about £18, tenable for two years, will be awarded in November to the student who gains the highest number of marks in Anatomy and Physiology in April and October, 1887.

8. *Andrew Weir Bursary*, annual value £18, tenable for one year, will be awarded in November to the student who gains the highest aggregate of marks in the Second and Third Professional Examinations immediately preceding.

9. *Junior Arnott Prize*, of about £15, open to students of the first and second years of their medical studies.

10. *Senior Arnott Prize* of £25, open to students of the third and fourth year of their medical studies.

11. *Brunton Memorial Prize* of about £10 is given to the most distinguished graduate in medicine of the year.

DATES OF EXAMINATIONS.

The Examinations for the Bursaries, Nos. 1 to 5, in the above list, will be held on Monday and Tuesday, 10th and 11th October, at ten A.M. each day; for No. 6, on Tuesday, 25th October, and three following days; and for the Prizes Nos. 9 and 10, on Saturday, 5th November, at two P.M.

DATES FOR SENDING IN APPLICATIONS.

Candidates for the Bursaries Nos. 1 to 6, and for Prizes Nos. 9 and 10, are required to give in their names to the Assistant Clerk (Matriculation Office) not later than 1st October; candidates for No. 6 must, besides, give in their names to the Clerk of the Merchants' House not later than 1st October.

5.—*UNIVERSITY PRIZE ESSAYS.*

FOR SESSION 1887-88.

1. In THEOLOGY, the CLELAND GOLD MEDAL, for the Best Essay on "Pessimism." All Students of Divinity in Session 1886-87, or Session 1887-88, may be Competitors.

2. In NATURAL PHILOSOPHY, the CLELAND GOLD MEDAL, for the Best Essay on "Practical Electric Measurement." All Students of the Natural Philosophy Class in Session 1886-87, or Session 1887-88, may be Competitors.

3. In MENTAL PHILOSOPHY, the UNIVERSITY SILVER MEDAL, for the Best Essay on "An Examination of Bradley's Logic." All Students of the Classes of Logic, Moral Philosophy, or English Literature, in Session 1886-87, or 1887-88, may be Competitors.

4. The GARTMORE GOLD MEDAL, for the Best Essay on "The Grattan Parliament." All Matriculated Students of the University in Session 1887-88 may be Competitors.

5. A WATT PRIZE OF TEN POUNDS, for an Experimental Investigation, subject optional. For the Watt Prize all Matriculated Students of the University in Session 1887-88, who have finished, or who, on the 1st of May, 1888, shall finish, a regular course of Languages and Philosophy, may be Competitors. [Essays may be given in as late as 19th March, 1888.]

6. A COULTER PRIZE OF FIVE POUNDS, for the Best Essay on "Ideal Commonwealths—a literary and philosophical criticism of the leading imaginary States or Constitutions from Plato's *Republic* to Bacon's *New Atlantis*."

7. A COULTER PRIZE OF TWO POUNDS TEN SHILLINGS, for the Best Latin Essay on "The Emperor Tiberius."

For the Coulter Prizes all Matriculated Students of the University in Session 1887-88 may be Competitors.

8. THE RAE WILSON GOLD MEDAL, for the Best Essay on "The Idea of Antichrist in the Apostolic Age." All Students attending the Divinity Class in Session 1887-88 may be Competitors.

9. The HENDERSON PRIZE OF TWENTY GUINEAS, for the Best Essay on "The Influence of Contemporary Opinion on the Views of the Westminster Divines as to the Sabbath." All Matriculated Students of the University in Session 1887-88 may be Competitors.

10. The DOBBIE-SMITH GOLD MEDAL, for the Best Essay "On any branch of Plant Pathology." The Essay to be accompanied by an illustrative series of Macroscopic and Microscopic Specimens.

The Essays, with the exception noted above, must be given in to the Principal, on or before Monday, 14th November, 1887, after which day none can be received. Each must be distinguished by Two Mottoes, and accompanied by a sealed letter bearing on the outside the same Mottoes, and containing a declaration subscribed by the author that the Essay is entirely of his own composition. All quotations in the Essays must be carefully marked, and accurate references to their respective authorities given in the notes. The Senate reserves the power of withholding the prize for any subject if none of the essays on that subject reaches a sufficiently high standard of merit.

VI.—HONOUR LIST.

LIST OF NAMES OF GENTLEMEN WHO HAVE TAKEN DEGREES WITH HONOURS SINCE THE YEAR 1836.

MASTERS OF ARTS (M.A.)

			Class of Honours and Department.			
			Classics.	Mental Philosophy.	Mathematics & Nat. Phil.	Natural Science.
1836	John Cunningham,	Scotland,	...	...	I	...
,,	William Fulton,	do.,	II	II	...	...
1837	Richard Shaen,	England,	...	...	II	...
,,	Thomas E. Richardson,	do.,	...	...	II	...
,,	John Blair,	Ireland,	...	...	II	...
,,	William Cuthel,	Scotland,	...	...	II	...
1840	Duncan H. Weir,	do.,	...	...	II	...
,,	James Thomson,	do.,	...	...	II	...
,,	John Buchanan,	do.,	...	...	II	...
1841	John D. Morell,	England,	II	II	...	...
,,	William Arthur Jones,	Wales,	II	II	...	...
1842	Alexander Grierson,	Scotland,	...	...	II	...
,,	John Davies,	England,	II	II	...	...
1843	Nathaniel Haycroft,	do.,	II	II	...	...
,,	John Trafford,	do.,	II	II	...	...
,,	David Duff,	Scotland,	...	...	II	...
1844	John Morgan,	do.,	...	...	II	...
,,	John Thomson,	do.,	...	...	II	...
,,	William T. Ker,	do.,	...	...	II	...
,,	Richard Tomlinson,	England,	II	II	...	...
,,	David M'Lauchlan,	Scotland,	II	II	...	...
1846	Robert Graham,	do.,	...	...	II	...
1847	William John Steele,	Ireland,	...	...	II	...
,,	James Porter,	do.,	...	...	II	...
1848	Adam Milroy,	Scotland,	II	II	...	...
,,	Walter D. Jeremy,	England,	II	II	...	...
1849	John Ker,	Scotland,	...	...	I	...
,,	George M'Queen,	do.,	...	...	I	...
,,	Henry Martyn Barker,	England,	I	I	...	...
,,	John Newton Langley,	do.,	I	I	...	...
1850	Alexander Walker,	Scotland,	II	II	...	...
,,	Horatio Lindsay Taplin,	England,	II	II	...	..
,,	Robt. Masters Theobald,	do.,	II	II	...	...
1851	Carstairs Douglas,	Scotland,	...	...	II	...

			Class of Honours and Department.			
			Classics.	Mental Philosophy.	Mathematics & Nat. Phil.	Natural Science.
1851	Daniel Davies Jeremy,	England,	II	II	...	...
1852	Thomas Logan,	Scotland,	...	...	II	...
,,	James Wylie Johnston,	do.,	II	II	...	...
1853	Chas. Abercromby Smith,	do.,	...	...	I	...
,,	William Jack,	do.,	...	...	I	...
,,	Edward Gibbs,	England,	I	I	...	...
1856	James Galbraith,	Scotland,	...	...	II	...
,,	John Murray,	do.,	...	...	II	...
1857	Joseph D. Everett,	England,	II	II	I	...
,,	George M. Grant,	Nova Scotia,	...	I	...	...
,,	David Herbert,	Scotland.	...	II	...	...
,,	Neil M'Pherson,	do.,	II	II	...	...
1858	William R. Pattison,	do.,	II	II	...	...
,,	John Weir,	do.,	...	II	...	...
1859	Robert Whyte,	do.,	...	II	...	...
1860	George Porter,	do.,	II	II	...	...
,,	Joseph Gardner,	do.,	...	II	...	...
,,	Walter Roberts,	do.,	...	II	...	...
1861	Richard Vary Campbell,	do.,	...	I	...	...
,,	Daniel Munro,	do.,	II	...	...	...
,,	Peter Sinclair Menzies,	do.,	II	...	...	...
1862	John M'Lean,	do.,	II	II	...	...
,,	Thomas Carruthers	do.,	II	II	...	...
,,	William Stewart,	do.,	II	II	...	...
,,	George Mathieson,	do.,	...	II	...	...
,,	Henry W. Bell,	India,	...	II	...	...
,,	John Ferguson,	Scotland,	...	...	...	I
1863	David Thomas,	do.,	...	II	...	...
1866	John Mann,	do.,	I	...	...	...
,,	John Fergusson,	do.,	...	II	...	...
1867	William E. Grigsby,	England,	II	...	...	...
,,	James Smith,	Scotland,	...	...	I	...
,,	William Ross,	do.,	...	...	II	...
1868	Robert Stewart,	do.,	...	I	...	...
,,	John Wilson,	do.,	...	I	...	...
1869	Favour James Greg,	do.,	...	I	..	...
,,	Adam Semple,	do.,	...	I	...	...
,,	Joseph Loudon,	do.,	...	...	II	...
,,	James M'Intosh,	do.,	...	I	...	...
1870	John Cross,	U. S. A.,	I	I	...	...
,,	Matthew M. Dickie,	England,	II	I	...	...
,,	James Orr,	Scotland,	...	I	...	...
,,	Robert A. Sinclair,	do.,	...	II	...	...
,,	James D. H. Dickson,	do.,	...	...	II	...
,,	Dugald M'Kichan,	do.,	...	...	II	...

			Class of Honours and Department.			
			Classics.	Mental Philosophy.	Mathematics & Nat. Phil.	Natural Science.
1871	William S. Fleck,	Scotland,	...	I	...	...
,,	William Oliver,	Wales,	...	II	...	...
,,	John E. H. Thomson,	Scotland,	...	II	...	...
,,	Colin R. M'Clymont,	do.,	...	I	...	...
,,	Charles S. Dickson,	do.,	...	II	II	...
1872	William Hamilton,	do.,	...	I	...	...
,,	John Watson,	do.,	...	I	...	...
,,	Zachary M. H. Ross,	do.,	...	II	...	...
,,	Archibald Russell,	do.,	...	II	..	...
,,	William G. Miller,	do.,	...	...	II	...
,,	John M. Brown,	do.,	...	I	...	...
,,	Alexander S. Macphee,	do.,	...	I	...	...
,,	James C. MacTaggart,	do.,	...	...	I	...
,,	James Henderson,	do.,	...	...	II	...
1873	William Bathgate,	do.,	I	...	...	...
,,	John M'Cunn,	do.,	...	I	...	..
,,	T. Lindsay Galloway,	do.,	...	...	I	...
,,	David Hunter,	do.,	II	I	...	...
,,	Robert Harvey,	do.,	I	...	...	...
,,	Thomas H. Miller,	do.,	...	...	I	...
,,	Buchanan Blake,	do.,	...	II	...	...
,,	James Arthur,	do.,	...	...	II	...
1874	James Bonar,	do.,	I	I	...	...
,,	James G. Frazer,	do.,	I	...	...	...
,,	Alexander F. Fraser,	do.,	...	I	...	...
,,	John Wilson Reid,	do.,	I	...	II	...
,,	Colin Campbell,	do.,	II	I	...	...
,,	James Thomson,	do.,	...	I	...	...
,,	Hugh Hart Currie,	do.,	II	...	...	...
,,	James MacKay,	do.,	II	...	...	...
1875	Benj'n F. C. Costelloe,	Ireland,	II	I	...	...
,,	William Yuill King,	Scotland,	I	...	...	...
,,	William Patrick,	do.,	...	I	...	...
,,	John Patrick,	do.,	II	...	...	...
,,	James S. Russell,	do.,	...	...	I	...
,,	John C. Watt,	do.,	...	...	I	...
,,	John B. Douglas,	England,	II	...	...	...
,,	Neil D. MacLachlan,	Scotland,	...	II	...	...
,,	James Johnston Dobbie,	do.,	...	...	...	I
1876	James Lambie,	do.,	...	I	...	...
,,	Ebenezer B. Speirs,	do.,	...	I	...	...
,,	Islay F. Burns,	do.,	II	...	...	...
,,	Robert MacLehose,	do.,	...	II	...	...
,,	Joseph Conn,	do.,	...	...	II	...
,,	Robert H. Pinkerton,	do.,	...	...	II	...

			Class of Honours and Department.			
			Classics.	Mental Philosophy.	Mathematics & Nat. Phil.	Natural Science.
1876	David Wilson,	Scotland,	...	...	II	...
,,	John P. Mitchell,	do.,	...	I	...	...
,,	William M. Rankin,	do.,	...	I	...	...
,,	Andrew Gray,	do.,	...	...	II	...
1877	Wallace M. Lindsay,	do.,	I	II	...	...
,,	Alexander S. Wilson,	do.,	...	...	...	I
,,	James Kidd,	do.,	...	I	...	...
,,	Thomas B. Kilpatrick,	do.,	...	I	...	...
,,	Mungo W. M'Callum,	do.,	...	II	...	...
,,	William Allan,	do.,	..	...	II	...
,,	James Arthur,	do.,	...	...	II	...
1878	Robert Mackintosh,	do.,	II	I	...	...
,,	John Edgar,	do.,	I	...	...	...
,,	John M. Dodds,	do.,	...	...	I	...
,,	David W. Forrest,	do.,	...	II	...	...
,,	Alexander Isdale,	do.,	...	I	...	...
,,	Lewis A. Muirhead,	do.,	...	I	...	...
,,	James Wilson,	do.,	II	...	II	...
1879	John Wilson Marshall,	do.,	I	II	...	...
,,	Francis Wm. Clark,	do.,	II	II	...	...
,,	Henry Jones,	Wales,	...	I	...	...
,,	William T. Bankhead,	Scotland,	...	II	...	...
,,	Andrew Rutherfurd,	do.,	...	II	...	...
,,	James Thomson,	Ireland,	...	...	II	...
,,	James Denney,	Scotland,	I	I	...	...
,,	James Kippen Duff,	do.,	I	...	...	...
,,	Robt. Tannahill Younger,	do.,	..	II	...	...
,,	William L. Macindoe,	do.,	...	...	II	...
1880	Alexander Gregory,	do.,	II	...	...	...
,,	Thomas Gregory,	do.,	I	I	I	...
,,	Alexander N. Cumming,	do.,	II	II	...	...
,,	Hugh Young Reyburn,	do.,	II	II	...	...
,,	John G. A. Dow,	do.,	II	...	...	...
,,	John Henderson,	do.,	...	II	...	...
1881	Cecil J. Swan,	do.,	II	...	...	...
,,	Francis H. Stead,	England,	II	I	...	...
,,	David S. Adam,	Scotland.	...	I	...	...
,,	William Granger,	do.,	...	I	...	...
,,	Robt. F. Muirhead, B.Sc.,	do.,	...	...	I	...
,,	Alexander Russell,	do.,	...	...	I	...
,,	Patrick H. Aitken,	do.,	II	...	...	...
,,	Alexander Anderson,	do.,	II	...	...	...
,,	Robert T. London,	do.,	...	II	...	...
,,	Robert Veitch,	England.	...	II	...	...

			Class of Honours and Department.			
			Classics.	Mental Philosophy.	Mathematics & Nat. Phil.	Natural Science.
1881	James Maclay,	Scotland,	...	...	II	...
,,	John Stuart,	do.,	. .	...	II	...
,,	James Hamilton,	do.,	...	...	II	...
1882	James A. M'Callum,	do.,	...	I	...	...
,,	John H. Fullarton,	do.,	...	...	...	I
,,	Charles P. Blair,	do.,	...	II	...	...
,,	James M. Dodds,	do.,	I	...	...	...
,,	John S. MacKenzie,	do.,	...	I	...	.
,,	William Smart,	do.,	...	I	...	...
,,	John Weir,	do.,	..	..	I	...
,,	John Gray,	do.,	...	II	...	...
,,	Charles Steele,	do.,	...	II	...	...
1883	John Aitken Orr,	do.,	...	I	...	...
,,	Alexander Robinson,	do.,	...	II	..	...
,,	Lewis Hughes,	Wales,	...	II	...	...
,,	Francis Anderson,	Scotland,	...	I	...	...
,,	Wm. S. M'Kechnie,	do.,	...	I	...	...
,,	William Muir,	do.,	...	I	...	...
,,	James W. Inglis,	do.,	II	...	...	...
,,	Patrick H. Hutchinson,	Ireland,	II	...	...	...
,,	Robert A. Moody,	Scotland,	II	. .	...	...
,,	William T. Mitchell,	do.,	...	...	II	...
1884	Andrew A. Mitchell,	do.,	I	..	...	...
,,	James M'Millan,	do.,	I	...	...	...
,,	Archd. S. Laidlaw,	do.,	...	I	...	...
,,	John Mack,	do.,	...	...	I	...
,,	William Clark,	do.,	II	...	...	...
,,	John Struthers,	do.,	II	I	...	...
,,	Archibald M'Laren,	do.,	I	...	...	...
,,	John Adams,	do.,	...	I	...	...
,,	James Barr,	do.,	...	I	...	...
,,	Gavin Lambie,	do.,	...	I	...	...
,,	Robert M. Wenley,	do.,	...	I	...	...
,,	George G. Henderson,	do.,	...	...	...	I
,,	Campbell N. Moody,	do.,	II	II	...	...
,,	Hugh Stevenson,	do.,	...	II	...	...
,,	James Strachan,	do.,	...	...	II	...
,,	Alex. B. Symington,	do.,	II	...	...	...
1885	John Lee,	do.,	I	...	...	...
,,	James Buchanan,	do.,	...	...	I	...
,,	Norman Fraser,	do.,	...	...	I	...
,,	James P. M'Laren,	do.,	II	...	...	...
,,	William Binnie,	do.,	...	II	...	. .
,,	David Frew,	do.,	...	II	...	...
,,	Richard Glaister,	do.,	...	II	...	...
,,	David Houston,	do.,	...	II	...	. .

			Class of Honours and Department.			
			Classics.	Mental Philosophy.	Mathematics & Nat. Phil.	Natural Science.
1885	Walter Wingate,	Scotland,	...	. .	II	...
,,	William M. Mackay,	,,	...	I	...	...
,,	Andrew F. Smith,	,,	..	I	...	...
,,	Alex. L. Watson,	,,	II	...	...	...
,,	Archibald J. Macnicol,	,,	...	...	II	...
1886	Charles F. Fleming,	England,	...	I	...	...
,,	Wellstood A. Watt,	Scotland,	...	I	...	...
,,	John Dougall,	,,	...	...	I	...
,,	John M'Cowan, B.Sc.,	,,	...	...	I	...
,,	William H. Carslaw,	,,	...	...	II	...
,,	Magnus M'Lean,	,,	...	...	II	...
,,	John A. Cramb,	,,	I	...	...	...
,,	Robert A. Duff,	,,	...	I	...	...
,,	William Johnston,	,,	...	II	...	...
,,	James Macmillan,	,,	...	...	II	...
,,	Robert A. Nicolson,	,,	...	...	II	...
1887	James Finlayson,	,,	...	...	II	...
,,	James Gifford,	,,	...	II	...	...
,,	Charles Mackay Gordon,	India,	...	I	...	...
,,	David Smith,	Scotland,	I	...	...	...

BACHELORS OF SCIENCE (B.Sc.).

1879	Robert F. Muirhead, C.E.,	Scot.,			II	
1882	John Cleland, C.E.,	Scotland,			II	
1883	John M'Cowan, C.E.,	,,			II	
1884	William Weir,	,,			II	
1884	James C. Todd,	,,			II	

BACHELORS OF ARTS (B.A.)

			Classics.	Mental Philosophy.
1838	William M'Kellar,	Scotland,.........	II	...
,,	Francis Tucker,	England,.........	II	...
1852	Samuel Crusha Sarjant,	do., ...	I	I
1856	David Johnston,	do., ...	..	II
1857	Andrew Moody,	Scotland,.........	...	II
,,	William T. Johnston,	do., ...	I	...
1858	John MacLeod,	do., ...	...	I
1861	Thomas Robinson,	England,.........	...	II

DOCTORS OF MEDICINE (M.D.). *(O. R.)* Honours.

1845	Alexander Lindsay,	Scotland.
,,	James Craigie Murray.	do.
,,	Francis Reynolds,	Ireland.
,,	John Brown,	Scotland.
,,	John Gardiner,	do.
,,	Donald Cameron,	Isle of Man.
,,	Adam Nicholson,	Scotland.
,,	John Duke,	Ireland.
1847	William Parry,	Wales.
,,	Robert Livingstone,	Scotland.
,,	Alexander B. Sharpe,	Scotland.
1848	Charles H. Hitchen,	England.
,,	James Steven,	Scotland
,,	John Coates,	Ireland.
1849	Robt. Brown M‘Clelland,	Ireland.
,,	Thomas Nicholson,	Scotland.
,,	Robert Settle,	England.
,,	Richard Thomas Tracy,	Ireland.
,,	Matthew John Rae,	Scotland.
1850	John Ternan,	Ireland.
,,	John Henry Eddowes,	England.
,,	James Brash,	Scotland.
1851	Alexander Marshall,	do.
,,	Andrew Spearing,	Ireland.
,,	James B. Montgomery,	England.
,,	Robert Perry,	Scotland.
,,	John Watson, B.A.,	do.
1853	John Ritchie Brown,	do.
,,	Charles D. Campbell,	Ireland.
1853	Richard Stanistreet,	Ireland.
,,	David Knox,	do.
1854	John Lindsay Stewart,	Scotland.
,,	James Fraser Paton,	do.
,,	David Easton,	Ireland.
1855	William Leishman,	Scotland.
,,	William J. Lewis,	New Brunswick.
,,	Alexander Robertson,	Scotland.
1857	Thomas Beaumont,	Ireland.
,,	Joseph M. Fleming,	Scotland.
,,	Maxwell Rodgers,	Ireland.
1858	John Couper,	Scotland.
,,	Thomas M‘Call Anderson,	do.
1859	Daniel Dougal,	do.
1861	William Marshall,	America.
,,	John M. Murray,	Scotland.
1862	James A. Allan,	do.
1863	Robert M‘K. Duncan,	do.
,,	George M‘Donald,	do.
,,	Samuel J. Moore,	Ireland.
,,	William Fraser,	Nova Scotia.
,,	T. Algernon Chapman,	Scotland.
,,	Algernon Wood Smith,	do.
,,	John P. Atkinson,	England.
1864	John Wyber,	Scotland.
,,	J. G. Wilson, M.A.,	do.
1865	Arthur A. Jamieson,	England.
1867	Fred. H. Quaife, M.A.,	Sydney N.S.W.

DOCTORS OF MEDICINE (M.D.). *(N.R.)*

Commended for Thesis.

1876. Gardner, William, M.B., England.
1877. Turner, William Y., M.B., Scotland. Thesis, "The Ethnology of the Motu."
1879. Fleming, William James, M.B., Scotland. Thesis, "The Dicrotic Notch in Pulse Tracings."
1880. Oliver, Thomas, M.B., Scotland. Thesis, "Heredity viewed in its relation to Responsibility."
1880. Bryce, James, M.B., Scotland. Thesis, "That Mankind originated as a Common Family—most probably on a Continent in the Indian Ocean—certainly within the Tropics."
1881. Adams, James Alexander, M.B., Scotland. Thesis, "Anatomical Relation between Abscess of Brain and Aural Disease."
1881. Stewart, Alexander, M.B., Scotland. Thesis, "History of a Personal Attack of Typhoid Fever."
1881. Drummond, James, M.B., Scotland. Thesis, "Sea Sickness: its Etiology, Symptoms, and Treatment."

1881. Macphail, Donald, M.B., Scotland. Thesis, "Chemical Investigations on the Degenerative Changes in Diseased Bone."
1882. Cairns, David, M.B. Thesis, "An Outbreak of Pyæmia."
1882. Adam, Thomas Bate, M.B., Scotland. Thesis, "The Pathology and Etiology of Elephantoid Disease."
1882. Rankin, Guthrie, M.B., Scotland. Thesis, "Puerperal Fever."
1883. Inglis, David Wood, M.A., M.B., Scotland. Thesis, "On the Prevention of Lead Poisoning among Workers in White Lead Factories."
1883. Newman, David, M.B., Scotland. Thesis, "Displacements of the Kidney."
1884. Lawrie, J. Macpherson, M.B., Scotland. Thesis, "On some Symptoms of Locomotor Ataxy."
1884. Allan, Robert, M.B., Scotland. Thesis, "Dermoid Cysts."
1884. Middleton, George S., M.A., M.B., Scotland. Thesis, "On the Pathology of Pseudo-Hypertrophic Muscular Paralysis."
1884. Steven, John Lindsay, M.B., Scotland. Thesis, "The Pathology of Suppurative Inflammations of the Kidneys."
1885. Mackay, John Yule, M.B., Scotland. Thesis, "The Origin and Development of the Larger Arteries."
1885. Macvie, William, M.B., Scotland. Thesis, "Atrophic Infantile Paralysis."
1885. Dougal, James, M.B., Scotland. Thesis, "Puerperal Pyrexia."
1886. Lawrie, William John, M.B., Scotland. Thesis, "Pathological Formations of the Skin."
1886. Somerville, William Francis, M.A., B.Sc., M.B., Scotland. Thesis, "Urosemiotic; the Pathological Chemistry of the Urine, the complete Quantitative Analysis of the Urine; a valuable aid to Clinical Diagnosis."
1886. Stewart, Robert Sloss, M.B., Scotland. Thesis, "Observations on the Spinal Cord in the Insane."
1886. Rankin, Alexander, M.B., Scotland. Thesis, "Cerebral Cases, with remarks."
1886. Auld, Alexander Gunn, M.B., Scotland. Thesis, "Studies in Materia Medica."

BACHELORS OF MEDICINE (M.B.) HONOURS.

1866	Robert W. Forrest,	Scotland.
,,	Henry T. Pringle,	do.
1867	Ebenezer Duncan,	do.
,,	Joseph Coats,	do.
,,	James Finlayson,	do.
1868	Thomas Barr,	do.
,,	William MacLachlan,	do.
,,	Angus Macmillan,	do.
1869	James Coats,	do.
1871	David Wilkie,	do.
,,	John Aikman,	do.
1872	John D. Macdonald,	do.
,,	Samson Gemmell,	do.
1876	Geo. S. Middleton, M.A.,	do.
1876	Richard B. Macpherson,	do.
1877	Johan B. Knobel,	Africa.
,,	Donald Macphail,	Scotland.
,,	John Carlyle Johnstone,	do.
1877	Edward D. M. Mackellar,	Scotland
1878	Alexander Fraser,	do.
,,	James Morton,	do.
,,	William Partington,	do.
,,	Lawrence A. Waddell,	do.
1879	William K. Peden,	do.
,,	Ralph D. Stevenson,	Australia.
1880	Hogarth, Andw. A., M.A.,	Scotland.
,,	M'Gregor-Robertson, J., M.A.,	do.
,,	Steven, John Lindsay,	do.
1881	Young, John More, M.A.,	do.
1882	Beith, Robert,	do.
1883	Dunlop, John Innes,	do.
1884	Hawthorne, Charles O.,	England.
1886	Bryce, Alexander,	Scotland.
,,	Snodgrass, Wm., M.A.,	U.S.A.
,,	Carslaw, John H., M.A.,	Scotland.

VII.—DEGREE AND PRIZE LIST.

LIST OF DEGREES

Conferred in the several Faculties and of Prizes and Certificates of Honour awarded in the several Classes of the University during the Year ending 1st May, 1887.

DOCTORS OF DIVINITY (D.D.)

Rev. John Dunlop, Professor of Theology, Dunedin, Otago.
Rev. Thomas Fraser, Minister of Newport, Fife.
Rev. Alex. Mackennal, B.A., Highfield, Bowdon, Cheshire, Chairman of Congregational Union.
Rev. John Maclean, B.D., Minister of Tarbert, Lochfyne.
Rev. John Mair, Minister of Southdean, Roxburghshire.
Rev. David Scott, F.S.A.Scot., Free Church, Saltcoats, Ayrshire.
Rev. James Sommerville, Minister of Irvine, Ayrshire.
Rev. Charles Strong, Melbourne, Victoria.

DOCTORS OF LAWS (LL.D.)

James Bonar, M.A. Glasg. and Oxon., Civil Service Commission.
Alexander Buchan, M.A., Secy. Scottish Meteorological Society.
William Henry Hill, writer, Glasgow.
John Hughlings Jackson, M.D., F.R.S., etc., London.
George Ross Merry, M.A., Oxon., Rector of High School, Dundee.
Alexander Stewart Murray, Keeper of Roman and Greek Antiquities, British Museum.
William Sewell, Headmaster of Pollok Academy, Glasgow.
Francis Henry Underwood, U.S. Consul, Glasgow.

BACHELORS OF DIVINITY (B.D.)

November, 1886.

Robert Cumming, M.A.
David Orr, M.A.
William Chalmers Smith, M.A.

April, 1887.

Robt. Stuart Guthrie Anderson, M.A.
Norman Fraser, M.A.
David Frew, M.A.
James Bell Grant, M.A.
James Gray, M.A.
John Moore, M.A.
Thomas Muir, M.A.
David Allan Reid, M.A.

BACHELORS OF LAWS (LL.B.)

November, 1886.

Alfred Alexander Hurry, M.A., B.L.

April, 1887.

Alexander Edward Barker, M.A.
Richard John Cunliff, M.A.
James Ferguson Johnstone, M.A.
James Alexander M'Callum, M.A.
William Sharp M'Kechnie, M.A.
Fred. Lansdowne Morrison, M.A.
Robert Arthur Young, M.A.

BACHELORS OF LAW (B.L.)

November, 1886.

William Dechmann.
David Gilmour Lyall.

April, 1887.

Henry Barr.
Andrew Robertson Harper.
Andrew Fisher Lochhead.
Daniel M'Bride.
Peter Paterson.
George Alexander Duncan Scott.

DOCTORS OF MEDICINE (M.D.)

July, 1886.

John Aitken, M.B., C.M., Scotland (Thesis—"Depressed Fractures of the Skull").

Samuel Alexander, M.B., C.M., Scotland (Thesis—"Spontaneous Hydrophobia").

*Alexander Gunn Auld, M.B., C.M., Scotland (Thesis—"Studies in Materia Medica").

John Buchanan, M.B., C.M., Scotland (Thesis—"Simple Fractures of the Leg").

John Carruthers, M.B., C.M., Scotland (Thesis—"Illustrative Cases of some rarer forms of Nervous Affection").

John Duff, M.B., C.M., Scotland (Thesis—"Epilepsy").

Thomas Cameron Dunlop, M.B., C.M., Scotland (Thesis—"A Short Review of Hæmophilia (Hæmorrhagic Diathesis), with Notes of Recent Cases").

James Burnett Lawson, M.B., C.M., Scotland (Thesis—"Emergencies, the Unconscious State, and Sudden Death").

*Alexander Rankin, M.B., C.M., Scotland (Thesis—"Cerebral Cases, with remarks").

Eric Sinclair, M.B., C.M., Scotland (Thesis—"Records of a Series of Post-mortem Examinations in a Hospital for the Insane").

Alexander John Francis Skottowe, M.B., C.M., India (Thesis—"Treatment of Pleural Effusions").

† William Francis Somerville, M.A., B.Sc., M.B., C.M., Scotland (Thesis—"Urosemiotic: the Pathological Chemistry of the Urine; the complete Quantitative Analysis of the Urine; a valuable aid to Clinical Diagnosis").

† Robert Sloss Stewart, M.B., C.M., Scotland (Thesis—"Observations on the Spinal Cord on the Insane").

William Waddell, M.B., C.M., England (Thesis—"Indigestion as Related to Colds and Rheumatism").

* Commended for Thesis.

† Highly Commended for Thesis.

November, 1886.

Archibald M'Lean, M.B., C.M., Scotland (Thesis—"Phases of Disease in Colliery Practice").

Joseph Thornley, M.B., C.M., Scotland (Thesis—"Syphilis").

April, 1887.

Robert Muir Gilchrist Binnie, M.B., C.M., Scotland (Thesis—"Gout: its Neurotic Origin").

William Henry Jonas Brown, M.B., Scotland (Thesis—"Tobacco Amblyopia").

Charles Forbes, M.B., C.M., Australia (Thesis—"On the Cause and Prevention of Asiatic Cholera").

William Alexander Gordon Laing, M.B., C.M., England (Thesis—"Preliminary Medical Education").

Richard Burns Macpherson, M.B., C.M., Scotland (Thesis—"The want of uniformity in strength of Medicinal Substances, with an investigation of the amounts of active principle present in certain official preparations of active drugs").

William Rankin, M.B., C.M., Ireland (Thesis—"The nature, symptoms, and treatment of Sea-Sickness").

BACHELORS OF MEDICINE AND MASTERS IN SURGERY (M.B. and C.M.)

July, 1886.

I.—HONOURS.

*Alexander Bryce, Scotland.
William Snodgrass, M.A., Whitewater, U.S.A.
John Howie Carslaw, M.A., Scotland.

II.—HIGH COMMENDATION.

Daniel M'Kellar Dewar,	Scotland
John Macphail,	,,
James Dunlop,	,,
William Henry Manners,	England
Adam T. Nisbet,	Scotland

III.—COMMENDATION.

Robert Mair,	Scotland
James Galbraith Connal,	,,
William Henry Fergus,	England
John Stewart (Lochgilphead),	Scotland
Alexander Wallace Aird,	,,

IV.—ORDINARY DEGREES OF M.B. AND C.M.

Basil John Adam,	Victoria
Charles Banks,	Scotland
Colin Baxter,	,,
Robert M'Ghie Beattie,	,,
John Broom,	,,
James Andrew Brown,	,,
Robert Brown, M.A.,	,,
Walter Falconer Brown,	,,
James Bruce,	,,
Archibald Campbell, M.A.,	,,
Archibald Thomson Campbell,	,,
Alexander Carmichael,	Scotland
Robert Corbett,	,,
Robert Craik,	,,
Alexander David Crawford,	,,
John Robert Fleming Cullen,	,,
John Currie,	,,
John Dodd,	,,
Joseph Lockhart Downes,	,,
George Gunnis Ferguson,	,,
Robert Thomson Ferguson,	,,
Walter Fox,	Brazil

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* Mr. Bryce gained the Brunton Memorial Prize of Ten Pounds, awarded to the most distinguished Medical Graduate of the year.

Robert Irvine Gardner,	Scotland
Bruce Edward Goff,	,,
Andrew Gray,	,,
Charles Gray,	,,
Robert Wilson Taylor Haddow,	,,
Robert Hamilton,	,,
William Tweed Hannah,	,,
Walter Hay,	,,
Robert Henry,	,,
Robert Campbell Highet,	,,
James Wright Hill,	,,
Arthur Davies Hughes,	Wales
Josias Jago,	Scotland
John Keddie,	,,
John Alexander Kennedy, M.A.,	,,
James Laurie,	,,
Robert Craig Miller,	,,
Henry W. Beecher Monteagle,	,,
James Muirhead,	,,
Donald Stewart MacColl,	,,
James M'Conechy,	,,
David MacDonald,	,,
James M'Donald,	,,
Thomas Ross MacDonald,	,,
Hugh Miller M'Houl,	,,
George M'Intyre,	,,
William M'Kinlay,	,,
Archibald Maclachlan,	,,
James Maclachlan,	Scotland
Alexander Henderson MacLean,	,,
David Thomas MacLeod,	,,
William Thomas Nicholson,	England
James Henderson Nicoll,	Scotland
Robert Steven Penman,	,,
William Fleming Phillips,	,,
William Pyle,	,,
James Rae,	,,
Robert Robertson,	,,
William Robertson,	,,
Harry Watt Bobinson,	,,
Robert Routledge,	,,
Alexander Roxburgh,	,,
Archibald Roxburgh,	,,
Charles Edward Scanlan,	,,
William Shand,	,,
Henry Williamson Sinclair,	,,
Jas. Wm. Hancock Steil,	England
John Stewart (Renfrew),	Scotland
John Barclay Stewart, M.A.,	,,
John Thorburn,	,,
Thomas Watt, M.A.,	,,
Robert Whitelaw,	,,
Donald Wingate,	,,
Alexander Wylie,	,,
James Wylie,	,,
John Young,	,,

November, 1886.

I.—With High Commendation.

William Boog Leishman, Scotland.

II.—Ordinary Degree of M.B. and C.M.

Saxon Staveley Dale,	Scotland
Alexander Dewar,	,,
Harry St. Clair Gray,	,,
Samuel Charles Harris,	England
Charles M'Bryde,	Scotland
Thomas M'Geoch,	Scotland
Alexander Lewis Mathieson,	,,
William Millar,	,,
John Rowat,	,,

January, 1887.

William Catto Crichton, Scotland.

April, 1887.

Alexander Arthur MacKeith, England.
William Marshall, Scotland.

MASTER IN SURGERY (C.M.)

John Chalmers, M.D., Scotland.

MASTERS OF ARTS (M.A.)

I.—With Honours.

With First Class Honours in Classics.

John Adam Cramb.

With First Class Honours in Mental Philosophy.

Robert Alexander Duff.

With Second Class Honours in Mental Philosophy.

William Johnston.

With Second Class Honours in Mathematics and Natural Philosophy.

James Macmillan.
Robert Alexander Nicolson.

II.—Ordinary Degree.

John Adams
Archibald Watson Bain
Robert Bain
Robert Locke Bremner
Hugh Freebairn Callan
Walter Colquhoun
David Edmond Conacher
Robert Cordiner
Andrew M‘Lean Craig
Peter Drummond
Peter Ferguson
Thomas Adam Gentles
Thomas Goldie
William Matthias Griffith
David Rose Hume
Robert Jack
Robert Jackson
William Caird Kerr
William Young Lindsay
William Murray
Neil Galbraith M‘Arthur
Murdo M‘Donald
John Lunan M‘Gregor
Thomas Dale M‘Ilvean
David M‘Keggie
George M‘Kelvie
Kenneth M‘Kenzie
Robert Lyle M‘Kirdy
George Somerville Macleod
James Edmond M‘Ouat
Alexander Paterson
James Paterson
Stewart Paterson
John Robert Proctor
John Purdie
Ewen Archibald Rankin
William Goodman Edwards Rees
John Stewart Roberton
John Maurice Saunders
James Shannon
James Alexander Smith
James Greensill Skottowe Syme
Malcolm Thomas Shiell Taylor
William Riddell Kemlo Watson
John Zuill

April, 1887.

I.—With Honours.

With First Class Honours in Classics.

David Smith.

With First Class Honours in Mental Philosophy.

Charles Mackay Gordon.

With Second Class Honours in Mental Philosophy.

James Gifford.

With Honours in Mathematics and Natural Philosophy.

James Finlayson.

II.—Ordinary Degree.

Peter Stewart Allan
Hugh Armstrong
Alexander John Munro Bennett
Hugh Black
Duncan Colquhoun Stewart Blacklock
Andrew Brown
James Cairns
John Cameron
James Campbell
Thomas Chalmers
Joseph Leitch Craig
John Don
Joseph Farquhar
Robert Stewart Fleming
Robert Fullarton
Alexander Gemmell
Henry Tod Gillison
Alexander Gordon
William Greenhorne
George Hally
Robert Hamilton
James Hunter
William Hutchison
David Kater
Edward Pleydell Bouverie Kerr
Joseph Liddle King
James Laing
Marshall Buchanan Lang
William Lindsay
Colin M‘Culloch Macaulay
Charles Hugh M‘Ilraith
Frederick Gordon M‘Killop
James M‘Kinnon
Andrew M‘Lean
James Gibson M‘Naught
Alexander M‘Queen MacPhee
Charles James Tennant Merrylees
James Robert M‘Cheyne Miller
Thomas Miller
John Napier
Alexander John Blair Paterson
John Peacock
Peter Patton Petrie
John Pollock
David Allardyce Ritchie
William Ritchie
Daniel Thomson Robertson
Robert William Rutherford
John Sloan
James Steel
John Hilton Stowell
William Swanson
Thomas Tait
William Risk Thomson
Thomas Watson
William White
Robert Tannahill Young

BACHELORS OF SCIENCE (B.Sc.)

In Department of Biological Science.

William Robert Jack
Adam Brown Kelly

In Department of Geological Science.

Robert Brown
John Morrow Campbell
Alexander Galt
Angus M‘Donald
James Scott Naismith, M.A.
Robert Alex. Nicholson, M.A.

In Department of Engineering Science.

[*] Lawrence Crawford
[†] Angus M‘Lean
Robert Mitchell
Kaichi Watanabe, C.E.

CERTIFICATES IN ENGINEERING SCIENCE.

Mark Brand
Lawrence Crawford
John Andrew Macara
Angus M‘Lean

[*] I. Honours in Mathematics and Natural Philosophy.

[†] II. Honours in Mathematics and Natural Philosophy.

DEPARTMENTAL CERTIFICATES.

I.—FOR DEGREE OF B.D.

1. FIRST DEPARTMENT—*November*, 1886.

Adams, John, M.A.
Anderson, Robert S. G., M.A.
Cumming, Robert, M.A.
Fraser, Norman, M.A.
Frew, David, M.A.
Grant, James B., M.A.
Gray, James, M.A.
Laidlaw, John, M.A.
Mackay, William M., M.A.
Muir, Thomas, M.A.
Orr, David, M.A.
Reid, David A., M.A.
Roxburgh, Edward, M.A.
Smith, William C., M.A.

2. SECOND DEPARTMENT—*April*, 1887.

Anderson, Robert S. G., M.A.
Fraser, Norman, M.A.
Frew, David, M.A.
Grant, James B., M.A.
Gray, James, M.A.
Lambie, Gavin, M.A.
Muir, Thomas, M.A.
Reid, David A., M.A.
Taylor, William, M.A.
Thom, Patrick B., M.A.
Thomson, William R., M.A.

II.—FOR DEGREE OF M.A.

1. IN CLASSICAL LITERATURE.

November, 1886.

Allan, Charles
Allardyce, John M.
Alston, Andrew
* Ballardie, Samuel W.
Beveridge, Hugh R.
Binnie, Thomas
* Black, John E.
Blair, James
* Bremner, Andrew K.
Brown, James
Brownlee, John
Burnett, George
Campbell, James
Campbell, John
Campbell, William M'K.
Colquhoun, Walter
Cramb, John A. (I. Hon.)
Cunningham, Thomas L.
Doak, William F.
Forrest, Alfred
Fraser, Charles F. P.
Gibson, James
Gillan, David H.
Gray, George
Hannay, Robert K.
Hodge, William B.
Hunter, N. M'L.
Hutchison, James
Hutton, John A.
Jack, Robert T.
Jones, John R.
Kirkwood, Thomas
Lindsay, John
Lucas, James
Martin, John H.
* Morrison, George H.
Morton, William
Muir, John
Munro, J. Malcolm
Murray, William
M'Ausland, Archibald
M'Auslane, William
M'Cracken, John
M'Donald, John
M'Gilchrist, John (II. Hon.)
* Maclachlan, H. D. C.
M'Millan, Alexander
* Paterson, John
Reid, Herbert
Richard, William J.
Ritchie, David A.
Robertson, Archibald
* Robertson, David D.
Robertson, John G.
Russell, Robert
Sloan, Thomas G.
Smith, David (I. Hon.)
Smith, David T.
Stewart, Robert B.
Swanson, William
Taylor, Alexander L. (II. Hon.)
Teacher, John H.
White, John
Whyte, James
Young, Alfred A.

---

* Students whose names are marked with asterisks distinguished themselves in the Examination.

April, 1887.

Alexander, Walter
Cameron, Donald
Cameron, James R.
* Cameron, Matthew B.
Campbell, James
Campbell, John A.
Chalmers, Thomas
Doak, Robert A.
Douglas, Andrew
Downie, David
Fisher, Alexander B.
Gibson, William J.
Grant, James H.
Gray, Andrew
Grieve, James M.
Grieve, Robert
Hally, George
Hamilton, Henry
Hunter, James
Johnston, Thomas
Kempt, George D.
* Lamont, Daniel
Love, Robert
Lovell, Thomas M.
Macgregor, Ewen M.
M'Intyre, Hector D.
M'Millan, John I.
Mair, James
Martin, Peter M.
Miller, Thomas
Morgan, Rees
Muir, Alexander
Peacock, John
Perfect, William E.
Richmond, John R.
Shaw, Alex. M.
Smith, Alexander
* Smith, George
Stevenson, Hugh
Stirling, James
* Sutherland, Hugh
Tait, Thomas
Tudhope, John
Vallance, William
Wark, James Reid
White, William
* Wright, Thomas

2. IN MENTAL PHILOSOPHY.

November, 1886.

Bell, Graham R.
Braidwood, Gavin
Campbell, Duncan
Duff, Robert A. (I. Hon.)
Gilfillan, James
Glassick, John
Johnston, William (II. Hon.)
Leishman, Thomas A.
Marchbank, John
Martin, John
Murray, William
M'Callum, Hugh
Macdonald, Murdo
M'Gilchrist, John
M'Ilvean, Thomas D.
M'Auslane, William
M'Ouat, James E.
Rankin, Charles H.
Roberton, John S.
Stewart, Alexander
Thomson, John
Todd, William
Walker, W. R.

April, 1887.

Adam, William
Allan, William C.
Armstrong, Hugh
Baird, David
Barrowman, James S.
Bennet, Alex. J. M.
Beveridge, Hugh R.
Black, Hugh
Blacklock, D. C. S.
Brown, John D.
Cairns, James
Campbell, John A.
Christie, James R.
Collins, Tom
Colville, John
Cormack, Benjamin G.
Craig, Joseph L.
Cuthbertson, Thomas W.
Davies, Norman de G.
Dempster, James T.
Don, John
Furner, Arthur

* Students whose names are marked with asterisks distinguished themselves in the Examination.

Gibson, John
Gifford, James (II. Hon.)
Gillison, Henry T.
Gordon, Charles J. M. (I. Hon.)
Govan, Horace E.
Gunn, Richard
Hardie, Robert M.
Herriot, John
Hutchison, William
Inglis, Thomas
Kater, David
Kelso, Alexander
Kerr, Hugh
King, Joseph L.
Kirkwood, Daniel
Lang, Marshall B.
Langmuir, Robert
Lindsay, William
Loosmore, John
Love, Robert
Lowrie, William J.
M'Caig, John M.
MacDonald, Angus
Macdonald, David W.
Macfie, George P.
M'Ilraith, Charles H.
M'Kenzie, James A.
Mackillop, Frederick G.
Mackinnon, James
M'Lachlan, Donald
M'Lean, Andrew
M'Leod, Alexander L.
M'Naught, James G.
Macpherson, Malcolm D.
Marshall, Thomas
Merrylees, Charles J. T.
Miller, James R.
Moffat, William
Muir, Alexander
Peacock, John
Petrie, Peter P.
Pollock, John
Ralston, Alexander
Rankin, William
Reid, Samuel
Reyburn, Harry
Richardson, Charles
Ritchie, David A.
Robertson, Daniel T.
Robertson, Henry
Robertson, Robert C.
Rutherford, Robert W.
Sinclair, John D.
Sloan, John
Smith, David
Somerville, Harry
Sprott, Harold G. H.
Stark, Thomas
Steel, James
Stowell, John H.
Swan, William
Swanson, William
Tait, Thomas
Taylor, David
Thomson, Peter
Thomson, William R.
Walker, Hugh
Wallace, William
Watson, James
Williamson, R. P. G.
Williamson, William M.
Wilson, Matthew
Wilson, Thomas H.
Young, James
Young, Robert T.
Young, William R.

3. IN MATHEMATICS AND NATURAL PHILOSOPHY.

November, 1886.

Baird, Robert
Bayne, John
Bremner, Robert L.
Bunten, James M.
Colquhoun, Walter
Conacher, David E.
Cordiner, Robert
Craig, Andrew M.
Dickie, Robert
Drummond, Peter
Ferguson, Peter
Furner, Arthur
Gentles, Thomas A.
Goldie, Thomas
Griffith, William M.
Hamilton, Robert
Hume, David R.
Hunter, James
Jack, Robert
Jackson, Robert
Kerr, William C.
Lindsay, William Y.
Morrison, William
MacAlpine, Andrew
M'Dougall, Andrew
M'Gregor, John L.
M'Ilvean, Thomas D.
M'Kelvie, George

Mackie, James
Mackirdy, Robert L.
Macmillan, James (II. Hon.)
Nicolson, Robert A. (II. Hon.)
Paterson, James
Petrie, Peter P.
Proctor, John R.
Purdie, John
Saunders, John M.
Scrymgeour, Robert
Shannon, James
Smith, Hugh
Smith, James A.
Stark, Thomas
Syme, James G. S.
Taggart, Moses
Taylor, Malcolm T. S.
Young, Robert T.
Zuill, John

April, 1887.

Allan, John P.
Allan, Peter S.
Allan, William C.
Anderson, James
Armstrong, Hugh
Bennett, Alexander J. M.
Black, Hugh
Blacklock, D. C. S.
Broatch, Robert
Brown, Andrew
Campbell, Duncan
Cormack, Benjamin G.
Craig, Joseph L.
Dickson, Matthew S.
Don, John
Donald, George
Dunlop, William
Evans, Evan Keri
Farquhar, Joseph
Finlayson, James (II. Hon.)
Fleming, Robert S.
Gardiner, Robert
Gillison, Henry T.
Gordon, Alexander
Greenhorne, William
Grosvenor, William C.
Harrison, John H.
Hutchison, William
Kater, David
Kerr, Edward P. B.
Kerr, Hugh
King, Joseph L.
Laing, James
Lang, Marshall B.
Langmuir, Robert
Lee, William
Lindsay, William
Macaulay, Colin M.
M'Donald, Angus
Macdonald, David W.
M'Ilraith, Charles H.
M'Killop, Frederick G.
Mackinnon, James
M'Lean, Andrew
M'Leod, Alexander L.
M'Martin, Gregory P.
Macpherson, Malcolm D.
Miller, Hugh
Miller, James R.
Moffat, William
Paterson, Alexander
Paton, Robert H.
Pollock, John
Potts, James
Ramsay, John
Ritchie, David A.
Ritchie, William
Robertson, Daniel T.
Rutherford, Robert Wm.
Sloan, John
Smith, David
Smith, David T.
Steel, James
Stevenson, Nathaniel
Stormont, David
Stowell, John H.
Tait, Thomas
Thomson, William R.
Torrance, John
Walker, Hugh
Watson, Thomas
White, John
Williamson, Robert P. G.

III.—FOR DEGREES IN LAW.

I. For Degree of LL.B.

1. IN CIVIL LAW.

Barker, Alex. E.
Hurry, Alfred A.
M'Donald, Alexander
Stuart, Alexander
—
Galbraith, William G., M.A.
M'Callum, James A., M.A.
Middleton, George, M.A.
Tait, John H., M.A.
Wallace, William, M.A.

2. IN LAW OF SCOTLAND.

Cairns, John A.
Maclaren, James A.
—
Galbraith, William G., M.A.
Herkless, William R., M.A.
M'Callum, James A., M.A.
Ralston, Gavin W., M.A.
Thomson, James, M.A.

3. IN CONVEYANCING.

M'Callum, James A.
—
Barker, Alexander E., M.A.
Blacklock, Alexander D.
Blair, Archibald W., M.A.
Cunliff, Richard J., M.A.
Johnstone, James F., M.A.
M'Clure, Peter, M.A.
M'Kechnie, William S., M.A.
Moffatt, Alexander, M.A.
Morrison, Fred. L., M.A.
Young, R. Arthur, M.A.

4. IN PUBLIC LAW.

Hurry, Alfred A.
—
Barker, Alexander E., M.A.
Binnie, David D., M.A.
Blair, Archibald W., M.A.
M'Callum, James A., M.A.
M'Clure, Peter, M.A.
Middleton, George, M.A.
Morrison, Fred. L., M.A.
Wallace, William, M.A.
Watt, Wellstood A., M.A.

5. IN CONSTITUTIONAL LAW AND HISTORY.

Barker, Alexander E.
M'Callum, James A.
M'Donald, Alexander
—
Binnie, David D., M.A.
Blacklock, Alexander D.
Blair, Archibald W., M.A.
M'Kechnie, William S., M.A.
Tait, John H., M.A.
Thomson, James, M.A.
Young, R. Arthur, M.A.

6. IN MEDICAL JURISPRUDENCE.

Cairns, John A.
M'Callum, James A.
Maclaren, James A.
Stuart, Alexander
—
Moffatt, Alexander, M.A.
Ralston, Gavin W., M.A.
Watt, Wellstood A., M.A.

II. For Degree of B.L.

1. IN LATIN.

Findlay, William
Niven, Thomas B. W.
—
Laird, James M.
Scott, George A. D.

2. IN LOGIC.

Bryden, Robert L.
Robertson, James
Sellar, Charles
Young, Alexander
——

Campbell, Alexander
Grant, John
Jeffrey, John
Niven, Thomas B. W.

3. IN MORAL PHILOSOPHY.

Armour, Peter
Paton, James B.
Dechmann, William
——
Allan, Arthur W.

Barrie, John
Kerr, Robert
Macfarlane, John
Robertson, James
Smith, Adam C.

4. IN ENGLISH LITERATURE.

Armour, Peter
Greig, Albert L.
Turnbull, John
——
Barrie, John

Bryden, Robert L.
Dobbie, James
Robb, Henry
Smith, Adam C.
Watson, Richard G.

5. IN MATHEMATICS.

Jeffrey, John
Niven, Thomas B. W.

——
Lucas, William L. M'L.

6. IN NATURAL PHILOSOPHY.

Blacklock, Alexander D.

7. IN FRENCH.

Annan, Thomas
Laird, James M.
Niven, Thomas B. W.

O'Hear, Joseph
Tennent, John

8. IN GERMAN.

——

9. IN CIVIL LAW.

Ferguson, John L.
Gray, Alexander M.
——

Barr, Henry
Lade, John

10. IN LAW OF SCOTLAND.

Brown, Alexander R.
Lyall, David
Marshall, John A.
Motherwell, Charles R.
——
Higgins, William

Lade, John
Macdonald, Charles
Muir, William
O'Hear, Joseph
Rowan, Gilbert D.

11. IN CONVEYANCING.

Brown, Alexander R.
Ferguson, John L.
Motherwell, Charles R.
Smith, Adam C.
——
Barr, Henry
Dobbie, James
Harper, Andrew R.
Higgins, William

Lochhead, Andrew F.
M'Bride, Daniel
Macdonald, Charles
MacFarlane, John
Moffatt, Alexander
O'Hear, Joseph
Paterson, Peter
Robb, Henry
Rowan, Gilbert D.

12. IN PUBLIC LAW.

——

13. IN CONSTITUTIONAL LAW AND HISTORY.

Gray, Alexander M.
Marshall, John A.
——
Dobbie, James
Paton, James B.
Robb, Henry

14. IN MEDICAL JURISPRUDENCE.

Dechmann, William
Smith, Adam C.
——
Barrie, John
Moffatt, Alexander
O'Hear, Joseph

15. IN POLITICAL ECONOMY.

Lyall, David
——
Barrie, John
Harper, Andrew R.
Lochhead, Andrew F.
M'Bride, Daniel
Muir, William
Paterson, Peter
Paton, James B.

FOR DEGREE OF B.Sc.

Old Regulations.

1. IN LATIN AND GREEK.

Hodge, William B.
Murray, Percy H.
Park, Gilbert

2. IN LOGIC.

Bell, Graham R.
Barr, John F.
Cormack, Benjamin G.
Kelso, Alexander
Kirkwood, James H.
——
Murray, Percy H.
Park, Gilbert

3. IN MORAL PHILOSOPHY.

Bell, Graham R.
——
Campbell, John M.
Cormack, Benjamin G.
Lamont, Duncan

4. IN ENGLISH LITERATURE.

Bell, Graham R.
Brand, Mark
Campbell, John M.
Hutchison, George L.
Mungall, Walter H.
Piercy, Henry E.
Smith, Daniel
——
Barr, John F.
Cormack, Benjamin G.
Galt, Alexander
Kelso, Alexander
Pollok, James H.

5. IN MATHEMATICS.

Dobbie, Alexander B.
Macara, John A.
——
Brand, Mark
Campbell, John M.
Cormack, Benjamin G.
Holburn, Andrew C.
Hutchison, George L.
Lochhead, Kerr
M'Lean, Angus
M'Queen, William T.
Morrison, William
Mungall, Walter H.
Murray, Percy H.
Shields, Thomas, M.A.

6. IN NATURAL PHILOSOPHY.

Brand, Mark
Dobbie, Alexander B.
Kirkwood, James H.
M'Ewan, James W.
——
Barr, John F.

Campbell, John M.
Cormack, Benjamin G.
Dove, Hector
M'Cartney, Robert T.
M'Lean, Angus

7. IN ANATOMY.

Johnston, John M.

8. IN BOTANY.

Kennedy, Robert

——

9. IN ZOOLOGY.

Campbell, John M.
Jack, William R.
M'Donald, Angus
Mackintosh, Robert D.

——
Broom, Robert
Nicolson, Robert A.
Pollok, James H.

10. IN GEOLOGY.

Broom, Robert
Crawford, Lawrence
Holburn, Andrew C.
M'Lean, Angus
Marshall, James P.
——

Brand, Mark
Forsyth, William
M'Gilp, John D.
Nicolson, Robert A.
Pollok, James H.

11. IN CHEMISTRY.

Dove, Hector
Hunter, Walter K.
Jack, William R.
Kirkwood, James H.
Marshall, James P.
Miller, Robert B.
Whyte, James

——
Allan, William
M'Donald, Angus
Piercy, Henry E.
Watkinson, William H.
Hunter, Walter K. (Special Organic)

12. IN PHYSIOLOGY.

Johnston, John M.
Mackintosh, Robert D.

——
Blair, Matthew

13. IN CIVIL ENGINEERING AND MECHANICS.

Brand, Mark
Forsyth, William
Holburn, Andrew C.
Macara, John A.
Marshall, James P.

Mungall, Walter H.
Shields, Thomas, M.A.
Smith, Frank B.
Watkinson, William H.
Woodburn, Alexander

14. IN PRACTICAL ENGINEERING.

Allan, William
Campbell, John M.
Lochhead, Kerr

Shields, Thomas, M.A.
Whyte, James

15. IN GEODESY.

Bayne, Thomas J.
Campbell, John M.
Holburn, Andrew C.
Hutchison, George L.
Imrie, Benjamin B.

Mungall, Walter H.
Shields, Thomas, M.A.
Smith, Frank B.
Whyte, James
Woodburn, Alexander

FOR DEGREE OF B.Sc.

New Regulations.

A. In Biological Science.

FIRST EXAMINATION—NATURAL PHILOSOPHY, CHEMISTRY.

Macfarlane, William D.	——
Morton, Robert A.	M'Kendrick, William J.
Shearer, William	

B. In Physical Science.

——

C. In Engineering Science.

1. MATHEMATICS.

——	Inglis, James D.
	M'Lellan, Dugald

2. NATURAL PHILOSOPHY.

——	Donald, Patrick D.
Capps, Washington L.	Hewes, Charles H.

3. CHEMISTRY.

Gourlay, James	Carver, Thomas A. B.
——	Stuart, James

4. GEOLOGY.

——

5. GEODESY.

——	M'Lellan, Dugald
Donald, Patrick D.	Stuart, James

6. CIVIL ENGINEERING AND MECHANICS.

Donald, Patrick D.	Stuart, James

7. PRACTICAL ENGINEERING.

Carver, Thomas A. B.	Stuart, James

8. NAVAL ARCHITECTURE.

——

PRELIMINARY EXAMINATION IN ARTS FOR DEGREE OF M.A.

November, 1886.

The following passed in Latin:—

Baird, David
Barker, Francis J.
Binning, Douglas B.
Brown, Charles H.
Brown, Robert S.
Brown, William C.
Brownlee, William S.
Campbell, Walter A.
Cook, Thomas
Cormack, John D.
Douglas, Robert B.
Ferguson, Joshua
Gillies, John
Grieve, Robert
Hay, Archibald G.
Hodge, T. W.
Holm, James
Kerr, John H.
Lade, James
Liddell, John
Low, Andrew R.
M'Coll, Malcolm
MacConnachie, Robert
Macdonald, Donald
M'Fadyen, John E.
M'Ghie, Robert
Macnicol, Nicholas
M'Pherson, Hugh
Pagan, John H.
Patrick, John
Pattison, David B.
Pinkerton, Peter
Pollock, Alexander
Ross, John M. E.
Selkirk, John
Smith, J. Campbell
Stanyon, John S.
Watt, Albert T.

The following passed in Greek :—

Baird, David
Barker, Francis J.
Brown, Charles H.
Brown, William C.
Brownlee, William S.
Connor, David
Cook, Thomas
Cormack, John D.
Creighton, W.
Douglas, Robert B.
Dunlop, George
Ferguson, Joshua
Gillies, John
Grieve, Robert
Hay, Archibald
Hodge, T. W.
Holm, James
Lade, James
Lewars, John
Liddell, John
Low, Andrew R.
M'Fadyen, John
M'Ghie, Robert
Macnicol, Nicholas
M'Pherson, Hugh
Pagan, John H.
Pattison, David B.
Philp, William J.
Pinkerton, Peter
Pollock, Alexander
Richmond, William
Ross, John M. E.
Scott, Walter
Selkirk, John
Smith, J. Campbell

The following passed in Mathematics :—

Baird, David
Binning, Douglas B.
Blackwood, John R.
Brownlee, William S.
Connor, David
Cormack, John D.
Douglas, Robert B.
Dunlop, George
Ferguson, Joshua
Fraser, Donald
Gillies, John
Greig, Robert C.
Grieve, Robert
Hay, Archibald
Holm, James
Kerr, John H.
Lade, James
Liddell, John
Matheson, John C.
M'Connachie, Robert
M'Fadyen, John E.
Macnicol, Nicholas
M'Pherson, Hugh
Pagan, John H.
Pattison, David B.
Philp, William J.
Pinkerton, Andrew
Pinkerton, Peter
Ross, John M. E.
Smith, J. Campbell
Stirling, James
Taylor, John
Thomson, Peter T.
Watt, Albert T.
Weir, George J.
Wright, Daniel

ENTRANCE EXAMINATION IN THE FACULTY OF ARTS.

The following passed :—

Allan, James H.
Barrowman, Thomas
Bayne, David
Bennett, John B.
Blackwood, John
Boyd, James H.
Buchanan, Andrew
Campbell, Walter A.
Deas, Alexander D.
Fairley, John
Fullarton, James
Gibson, Edwin A.
Gilfillan, William B.
Gladstone, James M.
Greig, Robert C.
Gunson, Ernest S.
Hamilton, James D.
Harvey, Francis W.
Hastings, Walter
Hill, William
Jamieson, Peter T.
Kirkwood, John R.
Kirkwood, Walter M.
Low, Andrew R.
Mann, Ludovic
Meiville, Alexander
Mitchell, Robert D. M.
Moore, Cecil E.
Morrison, James A.
Motherwell, Gavin B.
M'Aulay, William
Macharg, William E.
Macintyre, Archibald
Maclaren, James
Maclean, Alexander H.
M'Lintock, Finlay
M'Neil, George A. C.
M'Neill, John H. H.
M'Queen, James
Macquisten, Frederick A.
Noble, Bento
Ogston, John S.
Patmore, Andrew S.
Paul, Robert J.
Robertson, Hector M.
Russell, Alexander
Russell, James
Taylor, Joseph M.
Tombazis, Nicolas
Watson, Archibald
Wilson, Charles

Peter Thomson was exempted from Entrance Examination in virtue of his holding a Local Examination Certificate from St. Andrews University.

BURSARY EXAMINATION.

November, 1886.

The following Candidates distinguished themselves in the competition, viz. :—

1. Hugh M'Pherson, Grammar School, Paisley
2. Nicol MacNicol, High School, Glasgow
3. John E. M'Fadyen, Hutchesons' Grammar School, Glasgow
4. Joshua Ferguson, High School, Glasgow
5. John Liddell, High School, Glasgow
6. James Moffat (2), Glasgow Academy
7. Peter Pinkerton, Kilmarnock Academy
8. John Gillies, Rothesay Academy
9. J. Campbell Smith, High School, Glasgow
10. Charles H. Brown, Rossall School, near Fleetwood
11. James Lade, Dollar Institution
12. William J. Philp, Woodside Public School, Glasgow
13. Alexander Moncrieff (2), Glasgow Academy
14. James Holm, High School, Glasgow
15. David B. Pattison, Glasgow Academy
16. John M. E. Ross, High School, Glasgow
17. William S. Brownlee, High School, Glasgow
18. John H. Pagan, Hamilton Academy
19. Robert S. M'Kim (2), Rothesay Academy
20. David Baird, Royal Academy, Irvine
21. Robert B. Douglas, High School, Glasgow
22. Archibald G. Hay, Glasgow Academy
23. William J. Richard (2), High School, Glasgow
24. Adam L. Gowans (2), Shawlands Academy
25. Robert Buchanan (2), Newtonhead Public School, Ayr
26. Robert M'Ghie, Wolverhampton Grammar School
27. David H. Gillan (2), Ayr Academy
28. David O. Gillies (2), Bonnington Park High School, Peebles
29. Robert Grieve, High School, Glasgow
30. John H. Kerr, Glasgow Academy
31. John Lewars, Grammar School, Lanark
32. John Yuill (2), Hutchesons' Grammar School, Glasgow
33. David Connor, Hutchesons' Grammar School, Glasgow
34. John D. Cormack, Burgh Academy, Dumbarton
35. John Selkirk, High School, Glasgow
36. Robert A. Doak (2), High School, Glasgow
37. James R. Cameron (2), Glasgow Academy
38. William C. Brown, Grammar School, Paisley
39. Andrew R. Low, Greenock Academy
40. James Stirling, Hutchesons' Grammar School, Glasgow
41. Francis J. Barker, High School, Glasgow
42. John M'Millan (2), Glasgow Academy
43. William D. Creighton, Kilmarnock Academy
44. Albert T. Watt, Glasgow Academy
45. Daniel Wright, Hutchesons' Grammar School, Glasgow

The figure (2) denotes students of the second year.

UNIVERSITY PRIZES.

I. For Essays :—

1. A COULTER PRIZE of £5 for the best Essay on "The Book of Ecclesiastes."

Duncan B. Macdonald, M.A.

2. A COULTER PRIZE of £2 10s. for the best Latin Essay on "The Causes which led to the decline of Sparta in the Fourth Century, B.C."

J. Esslemont Adams.

3. The HENDERSON PRIZE of £21 for the best Essay on "The Question of Opening Museums and Art Collections on the Sabbath."

James R. Christie.

II. For Examination :—

1. An ARNOTT PRIZE of about £15 for Examination in General Physics, open to Students of the First and Second Years of their Medical Studies.

James G. M'Naught.

2. An ARNOTT PRIZE of £25 for Examination in Physiological Physics, open to Students of the Third and Fourth Years of their Medical Studies.

Hugh Dickie, M.A.

3. The LUKE HISTORICAL PRIZE of about £10 for the Best Examination in Ancient Greek and Roman History.

Ernest F. Scott.

4. The JAMIESON PRIZE, value about £10, for an Examination in Divinity, Church History, and Biblical Criticism.

James B. Grant, M.A.

5. The FINDLATER (DIVINITY) SCHOLARSHIP, value about £35, for an Examination in Divinity, Church History, and Biblical Criticism.

Gavin Lambie, M.A.

6. The MACFARLAN and COOK TESTIMONIAL PRIZE of Twenty Guineas, open to Theological Students of Three Years' standing—Examination in Greek, Moral Philosophy, Hebrew, Church History, and Divinity.

David Frew, M.A.

7. The BRUNTON MEMORIAL PRIZE, value about £10 sterling, given to the most distinguished Graduate in Medicine of the year (1886).

Alexander Bryce.

CLASS PRIZES.

Faculty of Theology.

DIVINITY.

PROFESSOR WILLIAM P. DICKSON, D.D., LL.D.

SENIOR CLASS.

I. Students of the Third Year:—

For Eminence in Written Examinations.

1. David Frew, M.A., Airdrie
2. James B. Grant, M.A., Edinburgh
3. William Struthers, M.A., Glasgow
4. Patrick B. Thom, M.A., Forgue
5. James W. M'Ewan, Glasgow

II. Students of the Second Year:—

For Eminence in Written Examinations.

1. Thomas Brown, M.A., Glasgow } Equal
2. William A. Findlay, M.A., Newton-Stewart }
3. Richard Robb, M.A., Lanark
4. John Johnston, M.A., Dalry } Equal
5. Duncan B. Macdonald, M.A., Glasgow }

Dowanhill Prizes of £21 and £10 10s. for Elocution.

1. John R. M'Nab, M.A., Crieff
2. Hugh Callan, M.A., Ayr

JUNIOR CLASS.

For Eminence in Written Examinations

1. Robert Kilgour, M.A., Govan
2. John Reid, Dunkeld
3. John Clubb, M.A., Cullen } Equal
4. William White, Kilwinning }
5. Andrew Baird, M.A., Airdrie

DIVINITY AND BIBLICAL CRITICISM.

PROFESSOR WILLIAM STEWART, D.D.

I. Written Examinations:—

SENIOR DIVISION.

1. David Frew, M.A., Airdrie
2. Patrick B. Thom, M.A., Forgue
3. Thomas Brown, M.A., Glasgow

Proxime Accesserunt—James Millar; David A. Reid, M.A.; Thomas Muir, M.A.

JUNIOR DIVISION.

1. Richard Robb, M.A., Lanark
2. Duncan B. Macdonald, M.A., Glasgow
3. William Y. Lindsay, M.A., Kilmarnock

Proxime Accesserunt—Thomas Munn, M.A.; Hugh Sutherland; John S. Thomson, M.A.

II. Essays :—

SENIOR DIVISION.

David A. Reid, M.A., Carlisle } Equal
Patrick B. Thom, M.A., Forgue } Equal

JUNIOR DIVISION.

1. Ewen A. Rankin, M.A., Kilcalmonell
2. William Y. Lindsay, M.A., Kilmarnock

CHURCH HISTORY.

PROFESSOR ROBERT HERBERT STORY, D.D.

SENIOR CLASS.

1. David Frew, M.A., Airdrie
2. { R. M. Sharpe, Hamilton, Canada
   { James W. M'Ewan, Glasgow
3. Thomas Stewart, Wishaw
4. Gavin Lambie, M.A., Houston
5. John M. Murray, Glasgow

Honourable Mention—Hugh F. Callan, M.A.; Patrick B. Thom, M.A.; John MacLean, M.A.

Prizes awarded by the Principal for Examination on Lectures delivered by him during the first month of the Session—

1. Gavin Lambie, M.A., Houston
2. David Frew, M.A., Airdrie

JUNIOR CLASS.

1. John Reid, Glasgow
2. { Robert Kilgour, M.A., Govan } Equal
   { William White, Kilwinning } Equal
3. Andrew Baird, M.A., Airdrie
4. William MacGill, M.A., Glasgow

Honourable Mention—John Clubb, M.A.; Robert S. Calderwood; William Muirhead, M.A.; James S. Carswell, M.A.

Prizes for Essay :—

1. John Reid, Glasgow
2. Robert Kilgour, M.A., Govan

Honourable Mention—William White; William Muirhead, M.A.

ORIENTAL LANGUAGES.

PROFESSOR JAMES ROBERTSON, D.D.

I. SENIOR HEBREW CLASS.

1. Thomas H. Weir, M.A., Glasgow
2. William MacGill, Glasgow
3. Duncan B. Macdonald, M.A., Glasgow
   Richard Robb, M.A., Bathgate
4. John Johnston, M.A., Dalry, Ayrshire

Order of Merit—James Craig, M.A.; John Cameron, M.A.; Gilbert P. Kechie; Hugh Sutherland

Prize for Original Composition:—

Thomas H. Weir, M.A.

II. JUNIOR HEBREW CLASS.

1. Andrew Baird, M.A., Old Monkland
2. Robert Jack, M.A., Strathaven
3. James Gilfillan, Hillhead
   Robert Kilgour, M.A., Govan
   Daniel Kirkwood, Paisley
4. J. M'Neill Fraser, M.A., Strathbungo
5. Matthew S. Dickson, Newarthill
6. Robert Gardner, Milngavie
7. John Clubb, M.A., Glasgow

Order of Merit—Duncan A. C. Reid, M.A.; James S. Carswell, M.A.; Robert Rae, William White, Alexander Andrew

Faculty of Law.

SCOTS LAW.

PROFESSOR ROBERT BERRY, M.A., LL.D.

I. For Eminence in the Class Examinations:—

FIRST CLASS HONOURS.

1. (Robert Ross Prize) * David Guthrie
2. * William M'Kail
   * William Brodie } Equal
4. * Neil D. M'Michael
   * Thomas M. Semple } Equal
6. Peter A. Thomson
   Robert C. Boyd } Equal

The * denotes the Prizemen.

SECOND CLASS HONOURS.

8. John Grove
James Forsyth
9. James Laird Equal
Alexander Aitken
12. John Miller
John Kirkhope, M.A.
13. James A. Houston Equal
William D. Boyd

II. The Prizes given by the Faculty of Procurators in Glasgow for Eminence in a Special Examination on the Subjects of the Course were awarded to

1. Neil D. M'Michael
2. John Grove
3. James Forsyth
4. William M'Kail
Thomas M. Semple Equal

The following Students distinguished themselves in this Examination, viz.:—

6. Alexander Aitken
James Laird Equal
8. David Guthrie

CONVEYANCING.

Professor James Roberton, LL.D.

I.—For Eminence in the Ordinary Examinations during the Session:—

1. (Robert Ross Prize) William S. M'Kechnie, M.A.
2. (Dean of Faculty's Prize) William Thomson
3. *R. Arthur Young, M.A.
4. *William R. J. Gray
*Richard J. Cunliffe, M.A. Equal
†Robert Macausland, M.A.
5. †Henry Robb Equal
†William J. Beaton
6. Alexander E. Barker, M.A.
James Millar Equal
7. Daniel M'Bride
Andrew R. Harper Equal
8. James Dobbie
Andrew F. Lochhead
Peter M'Clure, M.A.
9. William Brunton, M.A. Equal
Robert Mearns
10. David Dand
John Wilson
11. Alexander D. Young Equal
Peter Paterson

The indicates the Prizes given by the University, and the † indicates the Prizes given by the Professor.

II.—The Prizes given by the Faculty of Procurators in Glasgow for Eminence in a Written Examination in the Department of Feudal Conveyancing were awarded as follows:—

1. *William S. M‘Kechnie, M.A.
2. *William Thomson
3. *R. Arthur Young, M.A.
4. *William R. J. Gray
   *Richard J. Cunliffe, M.A. } Equal
   *Henry Robb
5. †Alexander E. Barker, M.A.
6. †Daniel M‘Bride

The following students distinguished themselves in this Examination:—

1. Robert Macausland, M.A. } Equal
   Robert Warner, M.A.
2. James Dobbie
   William J. Beaton
   William Brunton, M.A. } Equal
   Andrew R. Harper
3. Peter Paterson
4. Andrew F. Lochhead } Equal
   David D. Binnie, M.A.
5. Alexander D. Blacklock
6. Robert Mearns
7. John S. Nisbet
   James F. Johnstone, M.A. } Equal
   James Millar

PUBLIC LAW CLASS.

LECTURER—WILLIAM GALBRAITH MILLER, LL.B.

I.—For Eminence in the Written Exercises and Class Examinations.

FIRST CLASS HONOURS AND PRIZE.

1. Wellstood A. Watt, M.A., Glasgow (90 per cent.)
2. Peter M‘Clure, M.A., Glasgow (76 per cent.)
3. David D. Binnie, M.A., Ibrox (70 per cent.)

SECOND CLASS HONOURS.

4. Robert A. Moody, M.A., Glasgow (63 per cent.)

II. For Eminence in a Preliminary Examination on History and Geography.
Peter M‘Clure, M.A., Glasgow

The * indicates the Prizes given by the Faculty, and the † indicates the Prizes given by the Professor.

Faculty of Medicine.

MEDALS AND CERTIFICATES OF MERIT.

FORENSIC MEDICINE.

PROFESSOR PIERCE A. SIMPSON, M.A., M.D.
SUMMER, 1886.

FIRST CLASS CERTIFICATES OF MERIT (alphabetically arranged).

Robert T. Ferguson, Medallist.

John A. Anderson
Alexander Carmichael
John F. Fergus
George J. Imrie
William H. Manners
R. C. Miller
William Maclennan
David T. MacLeod
William Snodgrass
Andrew Sprott
D. C. Watt

SECOND CLASS CERTIFICATES OF MERIT (alphabetically arranged).

James Adams, M.A.
Charles Banks
Robert Corbett
James A. Goodfellow
Thomas W. Hay
Josias Jago
M. A. Mackintosh
John Macphail
Robert G. Reid
Hugh Rhodes
Alexander Roxburgh
Gavin Russell
John Stewart
John M'G. Young

MIDWIFERY.

PROFESSOR WILLIAM LEISHMAN, M.D.

FIRST CLASS CERTIFICATES (in order of merit).

Medallist—John A. Anderson (87·25 per cent.)
James A. Goodfellow (86·25 per cent.)

SECOND CLASS CERTIFICATES (alphabetically arranged).

James Adam
Robert Anderson
Alexander Butler
Archibald Campbell
Hugh Dickie, M.A.
John Dickinson, M.A.
John Edgar, M.A., B.Sc.
Archibald Gunn
Joseph F. Hughes
William H. M'Kinstry
Malcolm A. Mackintosh
William Maclennan
James Marshall
Alexander G. Park
Robert G. Reid
Gavin Russell
James Alexander Ure
Dugald C. Watt
James D. Wilson
John M. Young

MATERIA MEDICA AND THERAPEUTICS.

PROFESSOR MATTHEW CHARTERIS, M.D.

FIRST CLASS CERTIFICATES.

Medallist—Thomas Kirkpatrick Monro, M.A.

L. Robertson Sutherland
John F. Boa
Andrew Halliday
James Stevenson
John Charles
Hugh Jones
John Livingstone
Henry L. G. Leask
James M. Macphail, M.A.
Robert L. Pinkerton, M.A.
Alexander Blair
Landel R. Oswald
Thomas Fleming
William R. Jack
William Diamond

SECOND CLASS CERTIFICATES.

William Robb
James Brown
Donald Ferguson
James A. Thoms
Herbert O. Cowen
Thomas C. Barras
Robert P. Shearer
John Smith, M.A.
John P. Tannock
James Wallace
Osborne T. Pinck
Peter Gardiner
Charles E. Robertson
John Donald, M.A.
John Adams
William E. L. Allen
Harry Findlay
John Sandilands, M.A.
Edward H. Fyffe
William C. Hamilton
William Roxburgh
Matthew H. Bland
Hugh Highet
John G. Kerr
John T. M'Lachlan
James Culross, M.A.

PRACTICAL PHARMACY.

SUMMER SESSION, 1886.

FIRST CLASS CERTIFICATES.

T. K. Monro (Medal)

L. R. Sutherland
J. M. Macphail
O. T. Pinck
J. F. Boa
J. D. Smith
M. Beattie
R. L. Pinkerton
G. E. Robertson

SECOND CLASS CERTIFICATES.

J. Smith, M.A.
D. C. Gray
H. Highet
Thomas Fleming
Thomas M'Murray
W. R. Jack
A. Higgie
M. H. Bland
A. G. Park
J. Sommerville
W. Wallace

PRACTICE OF MEDICINE.

PROFESSOR WILLIAM T. GAIRDNER, M.D., LL.D.

THE CULLEN MEDAL.

James Adam, M.A., Stirling } Equal
Gavin Russell, Bathgate }

FIRST CLASS CERTIFICATES (in order of merit).

John Smith, M.A., Lochgoilhead
R. Barclay Ness, M.A., Glasgow
Thomas K. Monro, M.A., Arbroath
Hugh Rhodes, Sheffield
John M'Kinnon, Dreghorn
John A. Anderson, Whithorn

SECOND CLASS CERTIFICATES (alphabetically arranged).

Thomas C. Barras
Alexander Butler
John E. Duncan
John Edgar, M.A., B.Sc.
George J. Imrie
John M'C. Johnston, M.A.
Hugh Kirkland
Henry L. G. Leask
James Marshall
William Muir
William H. M'Kinstry
Malcolm A. Mackintosh
Robert L. Pinkerton, M.A.

CLINICAL MEDICINE.

PROFESSOR WILLIAM T. GAIRDNER, M.D., LL.D.

THE CULLEN MEDAL—James Marshall, Dumfriesshire.

FIRST CLASS CERTIFICATES (in order of merit).

James Marshall, Dumfriesshire
Robert Stevenson, Greenock

SECOND CLASS CERTIFICATES (alphabetically arranged).

Robert Greenhill
George J. Imrie
Henry L. G. Leask
John M'Kinnon
William Russell
Andrew Sprott

PRIZE OF BOOKS.

Awarded for the Best Notes of Lectures and Ward Demonstrations during the Session.

Thomas W. Jenkins, M.A.

CLINICAL MEDICINE.

PROFESSOR M'CALL ANDERSON, M.D.

SUMMER SESSION, 1886.

Honour List.

SENIOR DIVISION.

FIRST CLASS CERTIFICATES (in order of merit).

1. I. W. H. Steil } Equal
2. D. M'K. Dewar } Equal
3. W. M'Kinlay
4. John Edgar
5. H. Dickie
6. Wm. Shand

JUNIOR DIVISION.

1. John A. Anderson
2. Hugh Jones
3. Wm. Diamond

WINTER SESSION, 1886-87.

SENIOR DIVISION.

Medallist—William Maclennan

FIRST CLASS CERTIFICATES (in order of merit).

1. Robert G. Reid
2. Thomas Kirkland
3. { Hugh Kirkland
   { Robert Anderson
4. John Dickinson, M.A.
5. { R. Barclay Ness
   { Robert Hogg

JUNIOR DIVISION.

Medallists { John F. Boa
           { Thomas Fleming

FIRST CLASS CERTIFICATES (in order of merit).

1. James A. Thoms
2. Donald Ferguson
3. Landel R. Oswald
4. Andrew Halliday
5. Thomas K. Monro, M.A.
6. William G. Barras
7. { Robert L. Pinkerton, M.A.
   { Finlay S. Campbell
8. William Muir
9. { John Smith, M.A.
   { James Brown

SURGERY.

Professor George H. B. Macleod, M.D.

SENIOR DIVISION.

Medallist—John A. Anderson

FIRST CLASS CERTIFICATES (in order of merit).

Robert G. Reid
William Davidson
Andrew Sprott
John M'G. Young
R. Barclay Ness
Thomas M. Bonar
Robert Anderson
William Maclennan
James A. Goodfellow
Dugald Buchanan
John Edgar, M.A.
George Thomson

HIGH COMMENDATION (alphabetically arranged).

John Dickinson
Frederick Fedarb
Thomas Kirkland
Ebenezer Lang
John Mackinnon
Alexander G. Park

COMMENDATION.

James P. Boyd
Thomas Cameron
Daniel Craig
James Culross
David Curle
John Dewar
Hugh Dickie
A. W. Dunlop
J. E. Duncan
Alexander Duncan
H. W. Finlayson
Thomas W. Hay
Robert Hogg
J. C. G. Macnab
John M'Arthur
John Porter
Hugh Rhodes
Gavin Russell
C. M. Wildridge
J. D. Wilson

JUNIOR DIVISION.

Medallist—John Sandilands, M.A.

FIRST CLASS CERTIFICATES (in order of merit).

John Charles
Archibald Fairlie, M.A.
Ferdinand Rees
Oswald Rees
William Robb
James Brown
John F. Boa
John T. B. Laverick

HIGH COMMENDATION (alphabetically arranged).

Andrew B. Houstoun
William Jack
Hugh Jones
Anthony M'Call
Hugh M'Diarmid
Andrew Moyes
J. W. Nicol
Alexander Patterson
Dugald Revie
John Robertson
James Stevenson

COMMENDATION.

Robert Adam
Thomas B. Bertram
William Colvin
A. R. Fraser, M.A.
J. N. Glaister
H. W. Gentles
John Hardie
J. C. Howie
L. M'Whannell
L. R. Oswald
James Scott
David Stone
James Swanson
Walter Williams

CLINICAL SURGERY.

PROFESSOR GEORGE H. B. MACLEOD, M.D.

SENIOR DIVISION.

Medallist—John Charles

FIRST CLASS CERTIFICATES (in order of merit).

Daniel Craig
William Davidson
David Stone
Hugh Rhodes
William Robb
Alexander Ross

JUNIOR DIVISION.

Medallists { Oswald Rees
Thomas D. Bertram } Equal

FIRST CLASS CERTIFICATES (in order of merit).

John C. Syson
John Clarke
Alex R. Fraser, M.A.
Andrew Moyes
Roderick C. Macdiarmid
Ferdinand Rees
William Colvin
Robert Broom
David Curle

HIGH COMMENDATION (alphabetically arranged).

J. R. Bryce
William Cairns
J. N. Glaister
J. C. Howie
J. T. B. Laverick
A. R. Mitchell
A. M'Call
J. B. M'Lean
Thomas M'Murray
Alexander Watt

COMMENDED.

James Swanson
D. W. Russell
Alexander Prentice
John Pollock
James Lloyd
Andrew B. Houstoun
John Hardie
R. G. Dick

CLINICAL SURGERY.

PROFESSOR GEORGE BUCHANAN, M.A., M.D.

SUMMER SESSION, 1886.

UNIVERSITY MEDALS.

Senior—William Snodgrass, M.A. | Middle—William Maclennan
Junior—William R. Jack

FIRST CLASS CERTIFICATES OF MERIT.

Senior—Robert Corbett, Thomas Watt, M.A.
Middle—Donald Ferguson, John MacPhail
Junior—Thomas Kerr Bell, J. Livingstone, London

WINTER SESSION, 1886-87.

SENIOR.

FIRST CLASS CERTIFICATES (alphabetically arranged).

Hugh Dickie, M.A. | James G. Goodfellow | William R. Jack, B.Sc.

JUNIOR.

University Medal—William M'Gregor Young, M.A.

FIRST CLASS CERTIFICATES (alphabetically arranged).

Alexander C. Farquharson | John Zuill

INSTITUTES OF MEDICINE.

PROFESSOR JOHN GRAY M'KENDRICK, M.D., LL.D., F.R.SS.L. AND E.

John Hunter Medal and First Class Certificate—John Robertson, 90 per cent.

FIRST CLASS CERTIFICATES.

Alex. R. Fraser, M.A.,	86 per cent.	James A. N. Scott,	80 per cent.
W. E. F. Thomson,	86 ,,	W. J. M. Slowan,	80 ,,
Archibald Fairlie, M.A.,	81 ,,	James Swanson, M.A.,	80 ,,
Oswald Rees,	80 ,,	W. R. Kemlo Watson, M.A.,	80 ,,
W. J. Robertson, M.A.,	80 ,,		

SECOND CLASS CERTIFICATES.

James Hudson,	75 per cent.	A. C. Farquharson,	64 per cent.
Andrew Moyes,	75 ,,	Anthony M'Call,	64 ,,
William Muir,	75 ,,	William Murray,	63 ,,
William M. Young,	74 ,,	Thomas Forrest,	62 ,,
R. Steel,	73 ,,	William Gemmell,	62 ,,
Robert Kennedy,	72 ,,	R. C. Macdiarmid,	62 ,,
John Wotherspoon,	71 ,,	Ferdinand Rees,	62 ,,
Matthew Cameron,	70 ,,	Robert H. Adam,	61 ,,
John Pollock,	70 ,,	Graham R. Bell,	61 ,,
Art. J. Hutchison, M.A.,	69 ,,	J. K. Bell,	61 ,,
John C. Syson,	67 ,,	John Macdonald,	61 ,,
Mungo Bryson,	64 ,,		

Class Assistant—Hugh Kirkland.

PRACTICAL PHYSIOLOGY.

SUMMER, 1886.

John Hunter Medal—Henry L. G. Leask.

Certificates in Order of Merit—James Brown, L. R. Sutherland, L. R. Oswald, Hugh Highet, James A. Thoms, John F. Boa, John M'C. Johnstone, John Somerville, John Adams, Alexander Buchanan, R. M. Buchanan, J. Sandilands, H. Cowen, James M'Glashan, Donald Ferguson, Daniel M'Nicol, and John Smith, M.A.

Special Prize for Histology—L. R. Sutherland.

Special Prizes for Physiological Chemistry—(1) Henry L. G. Leask; (2) L. R. Oswald.

Certificates as Class Assistants—John A. Anderson, William R. Jack, A. B. Kelly, Hugh Kirkland, J. R. Ranald M'Crindle, M.B., and Robert G. Reid.

ANATOMY.

PROFESSOR JOHN CLELAND, M.D., LL.D., D.Sc., F.R.S.

JUNIOR CLASS.

Medal—Robert Bell

FIRST CLASS CERTIFICATES OF MERIT.

1. Albert A. Gray | 2. Thomas Forrest | 3. Gilbert P. Johnson

SECOND CLASS CERTIFICATES OF MERIT.

1. James G. M'Naught
2. Arthur H. Browne
3. John Calderwood
4. David H. Fotheringham, M.A.
5. Alexander D. Wilson
6. Thomas Murray
7. James P. M'Laren

8 & 9. { James Hill
{ James P. Low

10 & 11. { James S. Buchanan
{ William D. M'Farlane

SENIOR CLASS.

Medal { Thomas H. Jackson
John Robertson } Equal

FIRST CLASS CERTIFICATES OF MERIT.

1 & 2. { Alexander R. Fraser, M.A.
Oswald Rees
3. John Wotherspoon
4. William R. Jack
5. { Archibald Fairlie, M.A.
Arthur J. Hutchison, M.A.

SECOND CLASS CERTIFICATES OF MERIT.

1 & 2. { James Hudson
William M. Young, M.A.
3. James A. N. Scott
4. Robert H. Adam
5. Alex. C. Farquharson
6. James A. Gentle
7. Thomas C. Craig
8 & 9. { James G. Andrew
John Clarke

DEVELOPMENT AND SURGICAL ANATOMY.

Summer, 1886.

PRIZES.

1. Thomas K. Monro
2. John F. Boa

CERTIFICATES OF MERIT (in order of merit).

John Smith, M.A.
William Muir
W. M'G. Young
James Stevenson
John Charles
R. H. Adam
Alex. R. Fraser

NATURAL HISTORY.

Professor John Young, M.D.

ZOOLOGY.

Summer, 1886.

W. Hunter Medal—J. P. Maclaren

FIRST CLASS CERTIFICATE.

J. P. Maclaren, 85 per cent.

SECOND CLASS CERTIFICATES.

James Craig,	73 per cent.
G. R. Bell,	66 ,,
John Cross,	65 per cent.
John M'Ewan,	

O. Rees, 65 per cent.

THIRD CLASS CERTIFICATES.

Sholto D. Thomson,	64 per cent.
Alex. Mirlees,	59 ,,
Charles Symington,	58 ,,
J. Calderwood,	57 ,,
J. Clarke,	
J. Frew,	57 per cent.
G. H. Jackson,	
M. Andrew,	55 ,,
W. J. Robertson,	
J. Gilchrist,	51 ,,

James Kirkwood, 50 per cent.

WINTER SESSION, 1886-87.

WILLIAM HUNTER MEDAL AND FIRST CLASS CERTIFICATE.

Robert Bell, 85 per cent.

SECOND CLASS CERTIFICATES.

David H. Fotheringham,	65 per cent.
James S. Wallace,	
John M. Campbell,	

THIRD CLASS CERTIFICATES.

Matthew Lochhead,	60 per cent.	John W. Adam,	50 per cent.
Donald Murray,	58 ,,	John Johnstone,	
James Hill,	57 ,,	Alexander Kelso,	
Alexander G. Mowat,	53 ,,	John M. M. Kerr,	
Wm. M'G. Smith,	52 ,,	James N. Matthews,	
Brownlow Riddell,		Alex. D. Wilson,	
George A. Main,	51 ,,		

GEOLOGY.

SECOND CLASS CERTIFICATE.

Patrick D. Donald, 66 per cent.

THIRD CLASS CERTIFICATES.

Benjamin G. Cormack,	59 per cent.	Mark Brand,	57 per cent.
Robert Kennedy,	58 ,,	Thomas Danks,	51 ,,

MINERALOGY.

R. O. Wood Prize—Patrick D. Donald.

BOTANY.

PROFESSOR F. O. BOWER, M.A.

FIRST CLASS CERTIFICATES.

Medal—James Swanson, M.A.

Prize for 1st year's Student—Robert Broom.

SECOND CLASS.

John Robertson
Oswald Rees
James P. Maclaren
Archibald Fairlie, M.A.
Peter H. Abercrombie
Robert Bell
James A. Scott
William J. Roberton, M.A.
R. A. Morton
Alexander C. Farquharson
Andrew Robertson
Sholto D. Thomson
John Wotherspoon
William M. Young
James R. Garroway
W. E. Thomson
William Murray
John Clarke
T. D. Bertram
James Hill
H. M'D. Borland
William Colvin
Robert H. Adam, M.A.
A. W. Miller
John B. M'Lean

Practical Examination.

Class I.

John Wotherspoon—Medal
James P. Maclaren.

Class II.

Alexander Shiels
R. A. Morton } Equal
Hugh C. T. Young
Alexander Prentice
A. A. Beale
James R. Garroway
Alexander C. Farquharson } Equal
James A. Scott
A. J. Hutchison
Thomas B. Riddell

CHEMISTRY.

Professor John Ferguson, M.A., LL.D.

Joseph Black Medal and First Class Certificate—Dugald M'Lellan.

FIRST CLASS CERTIFICATES.

William H. Watkinson
George J. Weir

SECOND CLASS CERTIFICATES.

Robert Bell
Walter Buchanan
John Calderwood
William Cassels
John A. Creighton
George Lamb
J. Paterson M'Laren, M.A.
Simon G. M'Lennan, M.A.
James G. M'Naught
Donald Murray
Robert Nichol
Peter M. Smyth

PRACTICAL CHEMISTRY.

Summer Session, 1886.

Joseph Black—Medal.

Andrew Moyes } Equal
John Munro

FIRST CLASS CERTIFICATES.

John Brown
John A. Cameron
James A. Gentle
John T. B. Laverick
Andrew Moyes
John Munro
William Murray
John Pollock
William M. Young, M.A.

SECOND CLASS CERTIFICATES.

Henry M'D. Borland
Robert H. Drennan
Charles H. Hall
James Hudson
William Hutchinson
Arthur J. Hutchison, M.A.
John Lindsay
Anthony M'Call
William R. Muir
Alexander Paterson
Ferdinand Rees
Oswald Rees
John Robertson
James A. N. Scott
Alexander Watt

Faculty of Arts.

PRIZE LISTS.

ENGINEERING.

Professor James Thomson, LL.D., D.Sc., F.R.S.

SENIOR CLASS OF CIVIL ENGINEERING AND MECHANICS.

1. P. Dunlop Donald, Kilmarnock
2. Bunji Mano, Japan } Equal
   John Smellie, Baillieston }

Next in Order of Merit.

3. Alexander Woodburn, Prestwick
4. William Forsyth, Glasgow

JUNIOR CLASS OF CIVIL ENGINEERING AND MECHANICS.

1. William Allan, Strathaven
2. Allan Kirkwood, Thornliebank } Equal
   Andrew Pinkerton, Paisley }

Next in Order of Merit.

3. Kerr Lochhead, Paisley } Equal
   William Morrison, Balmore }
   John Smellie, Baillieston }

SENIOR CLASS OF OFFICE AND FIELD WORK IN ENGINEERING.

1. John Smellie, Baillieston

Next in Order of Merit.

2. James White, Stonehouse

JUNIOR CLASS OF OFFICE AND FIELD WORK IN ENGINEERING.

1. Dugald M'Lellan, Coatbridge
2. John Cormack, Dumbarton

Next in Order of Merit.

3. Charles Wilson, Drymen
4. James Robertson, Lauder
5. George L. Hutchison, Glasgow

Walker Prizes for Written Examinations.

1. P. Dunlop Donald, Kilmarnock
2. John Smellie, Baillieston

Next in Order of Merit.

3. Bunji Mano, Japan
4. William Forsyth, Glasgow
5. William Watkinson, Keighley, Yorkshire

Walker Prizes voted by the Class.

1. William Forsyth, Glasgow
2. Mark Brand, Baillieston

The George Harvey Prize.

P. Dunlop Donald, Kilmarnock } Equal
Bunji Mano, Japan }

NAVAL ARCHITECTURE.

Professor Philip Jenkins.

SENIOR CLASS.

Andrew Young, Greenock
Percy A. Hillhouse, Busby

JUNIOR CLASS.

Charles H. Hewes, U.S. Navy
W. Lee Capps, U.S. Navy

EVENING CLASS.

John Paterson, Clydebank
A. S. Younger, Wallsend

MATHEMATICS.

Professor William Jack, LL.D.

LOWER JUNIOR A.

1. { James Campsie, F.C. Normal
   { Francis Grant, E.C. Normal
3. Andrew M. Burdon, E.C. Normal
4. John A. MacInnes, E.C. Normal
5. John Black, 396 St. Vincent Street
6. { Thomas Ferguson, E.C. Normal
   { Robert M'Gregor, F.C. Normal
   { Alexander Stevenson, E.C. Normal

LOWER JUNIOR B.

1. Robert Buchanan, F.C. Normal, and Newtonhead Public School, Ayr
2. John H. H. M'Neill, Madras College, St. Andrews
3. Walter Paul, Killearn Public School

Written Examinations competed for by both Divisions.

1. Robert Buchanan, F.C. Normal, and Newtonhead Public School, Ayr
2. Francis Grant, E.C. Normal

UPPER JUNIOR A.

1. Peter Pinkerton, Kilmarnock Academy
2. Hugh M'Pherson, Paisley Grammar School
3. John E. M'Fadyen, Hutchesons' Grammar School
4. William R. Walker, Garnethill Public School

UPPER JUNIOR B.

1. Andrew Young, Greenock Academy
2. David B. Pattison, Glasgow Academy
3. Andrew Brown, Glasgow
4. William H. Bell, E.C. Normal

Written Examinations competed for by both Divisions.

1. Andrew Young, Greenock Academy
2. Peter Pinkerton, Kilmarnock Academy

SENIOR.

1. John Brownlee, Glasgow High School
2. Allan Kirkwood, Glasgow High School
3. Robert C. Robertson, Kilmarnock Academy
4. Andrew Pinkerton, Allan Glen's Institution

Written Examinations.

John Brownlee, Glasgow High School

UPPER SENIOR.

Cunninghame Gold Medal—Abraham Levine, Garnethill Public School.
2. Malcolm Macnicol, Glasgow High School

VACATION WORK.

LAST SESSION'S UPPER JUNIOR.

Daniel Lamont, Glasgow

LAST YEAR'S SENIOR.

Abraham Levine, Glasgow

The Muir Bursary in Mathematics for the best written Examination among the Upper Juniors is assigned to Andrew Young, and that for the best among the Seniors to John Brownlee.

ASTRONOMY.

PROFESSOR ROBERT GRANT, LL.D., F.R.S.

1. Dugald M'Lellan, Coatbridge
2. Walter H. Mungall, Tollcross
3. Patrick D. Donald, Kilmarnock

NATURAL PHILOSOPHY.

PROFESSOR SIR WILLIAM THOMSON, LL.D., F.R.S.

FIRST YEAR.

1. Bunji Mano, Tokyo, Japan
2. Hugh Walker, Pollokshaws
3. James Potts, Glasgow
4. Andrew M'Lean, Paisley
5. John Sloan, Glasgow
6. Percy A. Hillhouse, Busby
David W. M'Donald, Kelvinside
Mal. D. Macpherson, Inveraray
Andrew Pinkerton, Paisley
John Torrance, Glasgow
11. William Hutchison, Greenock
12. Andrew Brown, Glasgow
13. R. Gardner, Craigton, Milngavie
William Greenhorne, Glasgow
Wm. J. M'Kendrick, Kelvinside
16. William Lee, Dalbeattie
17. Joseph L. Craig, Dumbarton
William Dunlop, Paisley

SECOND YEAR.

1. Patrick D. Donald, Kilmarnock
Alexander Holm, Ardrishaig
3. Allan Kirkwood, Thornliebank

MATHEMATICAL PHYSICS.

Charles H. Hewes, Philadelphia, Pa.

LABORATORY STUDENTS.

Thomas A. B. Carver, London
John F. Maclaren, Pollokshields

MORAL PHILOSOPHY.

PROFESSOR EDWARD CAIRD, LL.D.

I. Prizes awarded by the votes of the Students for general eminence in the Exercises and Examinations of the Session:—

The Buchanan Prize—Evan K. Evans, Newcastle Emlyn

SENIOR DIVISION.

1. David Smith, Rothesay
2. Jas. Dingwall, Tarland, Aberdeensh.
3. John H. Stowell, Ryton-on-Tyne
4. John L. King, Wishaw
5. Wm. Lindsay, Fenwick, Ayrshire
6. George P. Macfie, Glengarnock
7. Joseph L. King, Wishaw
8. Norman de G. Davies, Aylesbury

JUNIOR DIVISION.

1. John White, Kilwinning
2. John Sloan, Glasgow
3. William R. Thomson, Busby
4. Alex. G. M. Bennett, Tillicoultry
5. John W. M'Laren, Glasgow
6. Wm. M. Williamson, Lesmahagow
7. Marshall B. Lang, Glasgow
8. Ben. G. Cormack, Dumbarton

II. Prizes for excellence in Written Examinations on Lectures delivered during the Session :—

1. (Prize given by Senior Students) Evan K. Evans
2. James Dingwall / William R. Thomson } Equal

III. Prizes for Work done during the Vacation :—

A. For the best examination on Plato's Republic—
John H. Stowell

B. For the best examination on Ferrier's "Lectures" and Zeller's "Socrates"
John H. Stowell

HIGHER MORAL PHILOSOPHY CLASS.

For an Examination on the Work done during the Session—

John W. Bryson, Kilmarnock / Charles J. M. Gordon, Glasgow } Equal

POLITICAL ECONOMY CLASS.

1. James Strachan, M.A., Glasgow
2. John W. Bryson, Kilmarnock / Robert A. Duff, M.A., Lenzie

LOGIC AND RHETORIC.

Professor John Veitch, LL.D.

I. For Eminence in the Work of the Class during the Session, as shown in oral and written examinations and essays.

First Prize of the Class (Buchanan Prize)—
Norman de G. Davies, Aylesbury

SENIOR DIVISION.

1. Ernest F. Scott, Glasgow
2. James Cameron, Govan
3. John C. Burnett, Kelso
4. Hugh S. Given, Dunoon
5. James Cairns, Hamilton
6. Roderick R. Strachan, Stornoway
7. Robert Galbraith, Paisley
8. James H. Kirkwood, Rutherglen
9. John Lindsay, Govan
10. William M'Luskey, Hamilton
11. John Hopkins, Paisley
12. David M. Simpson, Airdrie

JUNIOR DIVISION.

1. William Thomson, Kilmarnock
2. Joseph K. Johnston, Glasgow
3. Thomas Wright, Johnstone
4. Alfred A. Young, Glasgow
5. Robert Russell, Cumbernauld
6. John E. Black, Greenock
7. John Macdonald, Motherwell
8. Thomas G. Sloan, Glasgow

II. Work prepared during the Summer Vacation.

A. Students of Session 1886-87.

Preliminary Examination in Reid and Institutes of Logic.

SENIORS.

Norman de G. Davies, Aylesbury } Equal
Ernest F. Scott, Glasgow

JUNIORS.

Alfred Scobie, Glasgow

B. Students of Session 1885-86.

Essay—"The Answers of Reid and Kant to Hume."

Marshall B. Lang, Glasgow

ADVANCED LOGIC CLASS.

(Higher Metaphysics.)

Essay—"The Philosophical Methods of Kant and Hegel."

Equal { James Gifford, Cumbernauld
John H. Harley, Stirling

ENGLISH LITERATURE.

PROFESSOR JOHN NICHOL, LL.D.

SENIOR.

I. Class Prizes awarded by the votes of the Students.

1. (The Buchanan Prize) Ernest F. Scott, Glasgow
2. Joseph H. Leckie, Ibrox
3. George H. Morrison, Glasgow
4. John W. Bryson, Kilmarnock
5. Adolphus A. Jack, The College
6. Andrew Gentles, Maryhill
7. David Smith, Rothesay
8. James Millar, Greenock
9. Thomas H. Wilson, Glasgow
10. Robert Williamson, Lockerbie

II. Prizes awarded by the Professor.

(*a*) For Excellence in the Voluntary Written Examination.
  1. Adolphus A. Jack
  2. John W. Bryson

(*b*) For Prose Essay on "English Essayists."
  Ernest F. Scott

(*c*) For Composition in Verse.
  Adolphus A. Jack

JUNIOR.

I. Class Prizes awarded by the votes of the Students.

1. William Moffat, Shawlands, Glasgow
2. David T. Smith, Paisley
3. John Hopkins, Paisley
4. Robert Langmuir, Glasgow
5. George Orr, Dumbarton
6. John R. Richmond, Cambuslang
7. George P. Macfee, Glengarnock

II. Prize awarded by the Professor for Prose Essay on "English Satirists."
John Hopkins, Paisley

GREEK.

PROFESSOR RICHARD C. JEBB, LL.D.

I. Prizes awarded by the votes of the Students for General Excellence in the Work of the Class during the Session.

SENIOR GREEK CLASS, 8 A.M.

Jeffrey Gold Medal—George Simpson, Airdrie

PRIZES OF BOOKS.

1. Thomas Simpson, Airdrie
2. James Lade, Dollar Institution
3. William Howie, Kilmarnock Academy
4. James Campsie, Broomloan Public School, Govan, and F.C. Training College
5. David Gillies, Bonnington Park Academy, Peebles
6. James Holm, Glasgow High School
7. Daniel Lamont, Hutchesons' Grammar School, Glasgow
8. James P. Wilson, Ayr and Kelvinside Academies
9. James H. Maclean, Kilblain Academy, Greenock

MIDDLE GREEK CLASS (PROVECTIORES).

Scott-Macfarlan Gold Medal—William J. Philp, Woodside Public School

PRIZES.

1. John E. M'Fayden, Hutchesons' Grammar School
2. John Gillies, Rothesay Academy
3. Hugh M'Pherson, Paisley Grammar School
4. Archibald Warden, Rossall School, England
5. John A. M'Innes, Alyth Public School and E.C. Training College
6. James Cowden, F.C. Training College
7. John Lewars
8. John H. Pagan, Hamilton Academy
9. Donald Macdonald, E.C. Training College
10. Robert M'Connachie, Barrhead Public School
11. Thomas B. Hogarth, Glasgow Academy

JUNIOR GREEK CLASS (TIRONES).

PRIZES.

1. John Reid, Stirling High School
2. Robert K. Risk, Craigmount House, Edinburgh
3. Alexander M'Innes, Mearns Street Public School, Greenock

4. William Williamson, Kilmarnock Academy
5. Hugh Y. Arnott, Kinloch and Rattray Public Schools, Blairgowrie
6. Peter Thomson, Glasgow High School
7. Archibald Sanders
8. Donald Grant, Glasgow High School

II. Prizes for Written Examinations and Exercises.

SENIOR GREEK CLASS, 8 A.M.

Attic Orators (Selections)—George Simpson
Herodotus VIII. and Odyssey VI.—James Wilson

SENIOR AND PRIVATE CLASS, 2 P.M.

Thucydides II.—Arthur D. Millar
Sophocles, Antigone—Ernest F. Scott
Greek Composition—Alex. L. Taylor

MIDDLE GREEK CLASS.

Xenophon, Anabasis IV.—John E. M'Fadyen
Herodotus II. and Iliad XXIV.—John Gillies
Greek Composition—John E. M'Fadyen

JUNIOR GREEK CLASS.

Greek Grammar—John Reid
Xenophon, Anabasis II., and Odyssey I.—John Reid
Greek Composition—William Williamson
Comparative Philology—William Williamson

VACATION WORK.

I. Senior and Private Greek Class of Session 1885-86.
Greek Prose Composition—Ernest F. Scott

II. Senior Greek Class of this Session.
1. Greek Prose Composition—James P. Wilson
2. Demosthenes, Philippics—Thomas Simpson

III. Middle Greek Class of this Session.
1. Greek Prose Composition—William J. Philp
2. Xenophon, Anabasis II., and Iliad VI.—Harry Lumsden

Gold Medal for Modern Greek—Ernest F. Scott

BLACKSTONE EXAMINATION.

Cowan Gold Medal—Ernest F. Scott

SANDFORD SCHOLARSHIP.

Arthur D. Millar

HUMANITY CLASS.

PROFESSOR GEORGE G. RAMSAY, M.A., LL.D.

I. Prizes for General Eminence.

PUBLIC CLASS—SENIOR.

Cowan Gold Medal, to the best Student in the Humanity Class—Alfred E. Garvie, Glasgow (George Watson's College).

Ordinary Prizes.

2. Thomas B. Hogarth, Stranraer (Glasgow Academy)
3. James P. Wilson, St. Quivox (Ayr and Kelvinside Academies)
4. Joshua Ferguson, Glasgow (Glasgow High School)
5. William Howie, Galston (Kilmarnock Academy)
6. James R. Cameron, Bearsden (Glasgow Academy)
7. Alexander Moncrieff, Glasgow (Glasgow Academy)
8. Abraham Levine, Glasgow (Garnethill School)
9. David Gillies, Peebles (Bonnington Park School)
10. Robert B. Douglas, Glasgow (Glasgow High School)

MIDDLE CLASS.

1. William J. Philp, Glasgow (Woodside Public School)
2. Hugh M'Pherson, Paisley (Paisley Grammar School)
3. John E. M'Fadyen, Glasgow (Hutchesons' Grammar School)
4. Peter Pinkerton, Kilmarnock (Kilmarnock Academy)
5. John H. Pagan, Bothwell (Hamilton Academy)
6. John Gillies, Kilberry (Rothesay Academy)
7. William S. P. Monteath (Tillicoultry Public School)
8. Lawrence Crawford, Glasgow (Glasgow High School)
9. Robert M'Gregor, Greenock (Mearns Street Public School)
10. Francis W. Harvey, Glasgow (Greenock Academy)

JUNIOR CLASS.

1. William E. Macharg, Ibrox (Glasgow High School and Bellahouston Academy)
2. John H. H. M'Neill, Glasgow (Glasgow High School and Madras College, St. Andrews)
3. Thomas R. Kearney, Coatbridge (Gartsherrie Works School)
4. George A. C. M'Neill, Glasgow (Glasgow High School and Madras College, St. Andrews)
5. John Christie, Irvine (Irvine Academy)

II. Prizes for Written Examinations and Exercises.

PRIVATE AND SENIOR CLASS, 1 P.M.

Muirhead Prize for the Best Examination in the Books read and the Lectures delivered during the Session. The Books read were—Juvenal I.-VIII., Propertius (Extracts), Lucretius I., II., and Virgil, Æneid IX.

1. Ernest F. Scott, Glasgow (Paisley Grammar School)
2. Alfred E. Garvie, Glasgow (George Watson's College)

SENIOR CLASS, 9 A.M.

For Written Examinations on the Work of the Class.

1. Alfred E. Garvie, Glasgow
2. Thomas B. Hogarth, Stranraer

Distinguished—William Howie, Galston

For Latin Prose Composition.

SECTION I.

1. Arthur D. Millar, Glasgow (Glasgow High School)
2. James P. Wilson, St. Quivox

SECTION II.

Nicholas Macnicol, Glasgow High School

Vacation Exercises.

I. For a Written Examination in Certain Books.

SENIOR CLASS OF 1886-87.

Thomas B. Hogarth, Stranraer
Distinguished { James P. Wilson, St Quivox
David Gillies, Peebles

OPEN TO JUNIOR CLASS OF 1885-86.

Edward Millar, Johnstone (Cardonald Public School.)

II. For a Translation of a Prescribed Passage into Latin Prose.

SENIOR CLASS, 1885-86.

Ernest F. Scott, Glasgow

SENIOR CLASS, 1886-87.

Thomas B. Hogarth, Stranraer
Proxime Accessit—William Metcalfe

Blackstone Examination.

The Cowan Gold Medal—James F. Gemmill, Kilmarnock Academy
Distinguished—William Thomson, Kilmarnock

VIII.—EXAMINATION QUESTIONS.

I.—ENTRANCE EXAMINATION IN ARTS.

November, 1886.

ENGLISH.

1. Write to dictation the passage now to be read.

2. Break up into simple sentences the following passage, employing any form of analysis you please; and parse fully the words in *Italics:*

> *Spot* of my youth! *whose* hoary branches sigh,
> *Swept* by the breeze *that* fans thy cloudless sky;
> Where now alone I muse, *who* oft *have trod*
> With those I *loved*, thy soft and verdant sod;
> With those who, *scattered* far, perchance deplore,
> Like me, the happy scenes they knew *before*.
> Oh! as I trace again thy winding hill,
> Mine eyes admire, my heart adores thee still.

3. Write in your own words the substance of the passage.

4. Distinguish between *mine* and *my*, and form sentences showing what different parts of speech *before* may be.

5. Give the derivation of *verdant*, *deplore*, *trace*, *admire*, *adore*.

6. Write a short essay on any one of the following subjects:—The quarry accident on Lochfyneside; The Edinburgh Exhibition; Penny Postage to all our Colonies and dependencies; Home Rule for Ireland.

LATIN.

1. Decline together—*hic clarus poeta*, *idem ferox animal*.

2. The vocative singular is generally like the nominative. Mention any exceptions.

3. The ablative singular of the 3rd declension ends generally in *e*. When has it a different ending?

4. Compare—*multus*, *facilis*, *inferus*, *ingens*.

5. Decline *aliquis* in all genders, singular and plural.

6. Give the English for—*essetis*, *sunto*, *poteras*, *potueras*, *eamus*, *ivisse*, *vultis*, *volet*, *vellet*, *velit*.

7. Write in tabular form the 2nd pers. sing. pluperf. ind. and subj. act.; 3rd pers. plur. imperf. ind. and subj. pass.; fut. participle act.; and the perf. infinitive pass. of—*cingo*, *suadeo*, *volvo*, *vincio*.

8. Translate:—

Mox etiam Bithyniam invasit et Paphlagoniam, pulsis ex ea regibus, amicis populi Romani, Pylaemene et Nicomede. Inde Ephesum contendit, et per omnem Asiam literas misit, ut, ubicunque inventi essent cives Romani, uno die occiderentur. Postea commisso praelio contra Archelaum, Mithridatis in Achaia ducem, ita eum vicit, ut ex centum viginti millibus vix decem Archelao superessent, ex Sullae exercitu quattuordecim tantum homines interficerentur.

(*a*) Parse fully—*invasit*, *pulsis*, *inventi essent*, *vicit*, *superessent*.

(*b*) Give the syntax rules for the case of—*amicis*, *die*, *praelio*, and for the mood of *inventi essent*, and *superessent*.

9. Translate into Latin:—

(*a*) The Romans invaded the country and slew many.

(*b*) They remained three days in the camp and then returned to Rome.

(*c*) The boy to whom the book was given was praised by all his friends.

(*d*) Having conquered the enemy the soldiers said that they expected a reward.

GREEK.

1. Decline—*ἀνήρ*, *κριτής*, *δῶρον*, *βοῦς*, *βασιλεύς*.

2. Decline—*εἷς*, *μία*, *ἕν*; and in all genders and numbers—*πᾶς*, *οὗτος*, and *μέλας*.

3. Give the cardinal and ordinal numbers from 1 to 10.

4. Compare—*ταχύς*, *σοφός*, *κοῦφος*, *πολύς*, *ἀγαθός*.

5. Write down in tabular form the 3rd pers. sing. opt. act.; the participles middle; and the infinitives passive of *τύπτω*.

6. Translate:—

Ἐκ τούτου δὴ οἱ Ἕλληνες ἔθεον ἐπί τὰ ὅπλα πάντες ἐκπεπληγμένοι καὶ νομίζοντες αὐτίκα ἥξειν αὐτοὺς ἐπὶ τὸ στρατόπεδον. οἱ δὲ πάντες μὲν οὐκ ἦλθον, Ἀριαῖος δὲ καὶ Ἀρτάοζος καὶ Μιθριδάτης, οἳ ἦσαν Κύρῳ πιστότατοι· ὁ δὲ τῶν Ἑλλήνων ἑρμηνεὺς ἔφη καὶ τὸν Τισσαφέρνους ἀδελφὸν σὺν αὐτοῖς ὁρᾶν καὶ γιγνώσκειν· συνηκολούθουν δὲ καὶ ἄλλοι Περσῶν τεθωρακισμένοι εἰς τριακοσίους. οὗτοι ἐπεὶ ἐγγὺς ἦσαν, προσελθεῖν ἐκέλευον εἴ τις εἴη τῶν Ἑλλήνων ἢ στρατηγὸς ἢ λοχαγὸς, ἵνα ἀπαγγείλωσι τὰ παρὰ βασιλέως. μετὰ ταῦτα ἐξῆλθον φυλαττόμενοι τῶν Ἑλλήνων σταρτηγοὶ μὲν Κλεάνωρ Ὀρχομένιος καὶ Σοφαίνετος Στυμφάλιος, σὺν αὐτοῖς δὲ Ξενοφῶν Ἀθηναῖος, ὅπως μάθῃ τὰ περὶ Προξένου.

7. Parse and conjugate—*ἔθεον*, *ἐκπεπληγμένοι*, *συνηκολούθουν*, *μάθῃ*.

8. Give the derivation of—*πιστότατοι*, *τεθωρακισμένοι*, *λοχαγός*, *ἀπαγγείλωσι*.

9. What prepositions govern (*a*) the genitive *only*, (*b*) the dative *only*?

10. (*a*) Give the date and object of the expedition of Cyrus.

(*b*) State what you know of any two of the following—Ariaeus, Artaxerxes, Tissaphernes, Clearchus.

(*c*) Give a short account of the physical features of the country treated of in the second Book.

MATHEMATICS.

1. Find the G. C. M. and L. C. M. of 364 and 7150.

2. Find cost of painting a wall 23 ft. 8 in. by 10 ft. 6 in. at 1s. 6d. per sq. yd.

3. Divide $(5\cdot46)^2$ by $(\cdot0013)^2$.

4. To sell at 1s. 7d. is to lose 5 per cent.; find the gain or loss per cent. on raising the selling price to 1s. 8½d.

5. From $a-\frac{b}{2}+\frac{c}{3}$ take $2b-\frac{a}{2}+\frac{c}{5}$.

6. Simplify $\left\{\frac{x^2-y^2}{x^3-y^3}-\frac{(x+y)^2}{x^3+y^3}\right\}\times\left(\frac{1}{xy}-\frac{1}{x^2}-\frac{1}{y^2}\right)$.

7. Solve the equations:

   (1) $(x-a)(x+b)=(x+c)(x-d)$;
   (2) $3x^2-5x-2=0$.

8. *A*'s age is thrice that of *B*; and *B*'s age is as much below 30 as *A*'s is above it. Find *B*'s age.

9. If two angles of a triangle are equal, the triangle is isosceles.

10. Define a rhombus, and prove that its diagonals bisect each other at right angles.

11. If a straight line cuts two parallel straight lines the alternate angles are equal.

12. Construct a square equal to a given rectilineal figure.

FRENCH.

1. Translate:—

   Il a voyagé toujours dans ses états, autant que ses guerres l'ont pu permettre; mais il a voyagé en législateur et physicien, examinant partout la nature, cherchant à la corriger ou à la perfectionner, sondant lui-même les profondeurs des fleuves, et des mers, ordonnant des écluses, visitant des chantiers, faisant fouiller des mines, éprouvant les métaux, faisant lever des cartes exactes, et y travaillant de sa main.

   Parse:—*l'ont pu, en legislateur, faisant fouiller.*

2. Translate:—

   Le roi, qui n'avait jamais entendu de sa vie mousqueterie chargée à balle, demanda au major général Stuart, qui se trouva auprès de lui, ce que c'était que ce petit sifflement qu'il entendait à ses oreilles. "C'est le bruit que font les balles de fusil qu'on vous tire, lui dit le major." "Bon! dit le roi, ce sera là dorénavant ma musique." Dans le même moment le major qui expliquait le bruit des mousquetades en reçut une dans l'épaule et un lieutenant tomba mort à l'autre côté du roi.

   Parse:—*ce que c'était que, bruit que font, là dorénavant, en reçut.*

3. Translate :—

Sans doute je me serai bien des fois égaré dans des routes si nouvelles et si étendues. J'aurai été bien des fois au-dessous de mon sujet, par la coupe de mes plans, par mon inexpérience, par l'embarras même de mon style ; mais je le répète, pourvu que mes idées en fassent naitre de meilleures à d'autres, je suis content. Cependant, si le malheur est le chemin de la vérité je n'ai pas manqué de moyens pour me diriger vers elle.

Parse :—*au-dessous*, *même*, *pourvu que*, *en fassent naître.*

4. Put into French :—

(*a*) I cannot speak without him interrupting me.

(*b*) It is a pity to have neither the wit to speak well, nor the sense to keep quiet.

(*c*) Everybody thinks he has a right to complain against luck.

(*d*) When the tailor comes show him up.

5. Put into French :—

I have maintained that the active forces are conserved in the world. It is objected that two soft or inelastic bodies when they collide lose part of their force. I answer, they do not. It is true that the "wholes" lose it in reference to their total movement; but it is received by the particles, they being agitated inwardly by the force of the collision. Thus the loss ensues only in appearance. The forces are not destroyed but dissipated among the minute parts.

GERMAN.

1. Translate :—

Umgeben rings von Feinden, hält mich nur
Die Volksgunst auf dem angefochtnen Thron.
Mich zu vernichten, streben alle Mächte
Des festen Landes. Unversöhnlich schleudert
Der röm'sche Papst den Bannfluch auf mein Haupt,
Mit falschem Bruderkuss verräth mich Frankreich,
Und offnen, wüthenden Vertilgungskrieg
Bereitet mir der Spanier auf den Meeren.
So steh' ich kämpfend gegen eine Welt,
Ein wehrlos Weib ! Mit hohen Tugenden
Muss ich die Blosse meines Rechts bedecken,
Den Flecken meiner fürstlichen Geburt,
Wodurch der eigne Vater mich geschändet.
Umsonst bedeck' ich ihn—Der Gegner Hass
Hat ihn entblösst und stellt mir diese Stuart,
Ein ewig drohendes Gespenst, entgegen.
Nein, diese Furcht soll endigen !
Ihr Haupt soll fallen. Ich will Frieden haben !

2. Parse :—*angefochtnen*, *verräth*, *Meeren*, *ein wehrlos Weib*, *stellt*, *Gespenst.*

3. Give the imperfect indicative and present subjunctive of—*vernichten*, *halten*, *anfechten*, *verrathen*.

4. Translate :—

> Während der sechs Jahre, die sie zusammen lebten, tröstete sie sich mit dieser Hoffnung, und als sie dieselbe, ach, mit wie vielen Schmerzen, aufgeben musste, da hoffte sie, dass es ihrem Kind, ihrer kleinen Rosi, gelingen möchte ihn vom Wirthshaus fern zu halten. Zuletzt aber sah sie ein, dass nur Gott allein so Grosses wirken kann, einen Sünder von seinen verkehrten Wegen abzubringen.
>
> Sie musste es auf die bitterste Weise lernen. Gerade im strengsten Winter, als Küche und Keller leer waren und selbst das nöthige Brennmaterial zu einem wärmenden Feuer fehlte, als das arme Weib noch dazu von langer Krankheit schwach und elend war, verliess sie der gewissenlose Mann, um nie wieder zu kehren.

5. What cases do German prepositions govern? Give examples of each case.

6. Give the genders and plurals of the following nouns :—*Herz*, *Maus*, *Arm*, *Bad*, *Christ*, *Frucht*.

7. Give the German for :—What kind of fish is this? I called on him yesterday, and he was not at home? At what hour do you usually rise? Are you fond of reading? I do not like this house, it is much too small.

8. Translate into German :—

> "Yes," she said in an undertone to herself, "God has been very gracious to me, although it has pleased him to lay on me so heavy a cross. But would I not be very ungrateful if I felt myself unhappy? Have I not more than enough, and can even lay by something in case of sickness. I am strong and healthy, and have no ailments. Everybody is kind to me. God has given me my darling child. Is she not the joy of my heart, the light of my eyes, and the sunshine of my life?"

ANCIENT HISTORY.

A. Greek History.

1. Give a brief account, with dates, of the leading events in the history of Greece between 431 B.C. and the Peace of Nicias.

2. Examine the part played by Alcibiades in the history of Athens.

3. Explain what is meant by "the retreat of the 10,000."

4. Give, with dates, short accounts of (1) "The four hundred," (2) "The thirty."

5. What important events are associated with—Leuctra, Aegospotami, Mantinea, Plataea?

6. Compare the social, political, and military conditions of the Athenians and Macedonians in the time of Philip.

7. Trace the progress of the power of Philip.

8. Give, with dates, a sketch of the career of Alexander up to the date of the siege of Tyre.

B. Roman History.

1. Give an account of the constitution and function of the Senate during the Republic.

2. Examine the efforts made by the Gracchi to meet the agrarian difficulty.

3. What were the causes of the Civil War between Marius and Sulla? Mention, with dates, the chief events of the war. State the consequences.

4. Sketch the course of events between the death of Sulla and the consulship of Cicero.

5. Explain the process by which Caesar, Pompey, and Crassus, managed to secure all the power in Rome.

6. Point out the cause of the rupture between Caesar and Pompey and the result.

7. Give brief accounts of the following—Publius Scipio Africanus, Quintus, Metellus, Mithridates, Lepidus, Dolabella.

8. Give the position of—Pontus, Pharsalia, Rubicon, Philippi, Numantia, Tamesis, Brundusium.

MODERN HISTORY.

C. Scottish History.

1. Assign dates to the following events, and add a short notice to each :—(1) The battle of Harlaw, (2) the murder of John Armstrong, (3) the battle of Pinkie, (4) the murder of Darnley, (5) the trial of Queen Mary.

2. "The return of James I. from England made a real and practical internal revolution." Illustrate this statement.

3. Give an account of the Douglas family during the reign of James II.

4. How would you explain the fact that in spite of their extreme youth when the Crown fell vacant, and in spite of the turbulence of the period, the three first Jameses became kings of Scotland?

5. Compare the character, conduct, and fate of James III. and Charles I.

6. Give an account of the rise of the Scots navy.

7. Sketch the events which led up to the battle of Flodden and the results.

8. Give an account of the growth of the Scottish Universities, and the progress of Literature during the period studied.

D. English History.

1. By what right did James I. ascend the throne of England? Who were his chief supporters? Who opposed his accession?

2. Give an account of the Gunpowder Plot, pointing out its significance.

3. Sketch the history of Pym.

4. Explain what was meant by "Puritan," and give an account of the Puritan emigration.

5. Compare the lives of Strafford and Buckingham.

6. Sketch Cromwell's foreign policy.

7. Give an account, with dates, of the following :—"Petition of Rights," "Pride's purge," Hobbes' "Leviathan," "The triple alliance," "The declaration of indulgence."

8. Explain how the questions which disturbed the nation during the Stuart reigns were settled at the accession of William and Mary.

II.—PRELIMINARY EXAMINATION IN ARTS AND FOR OPEN BURSARIES.

October—November, 1886.

LATIN.

Translate into English :—

1. Passage from a Latin Poet (22 lines).
2. Passage from a Latin Prose Writer (23 lines).

Translate into Latin Prose :—

Now there were two towns close to one another in that part of the country, and it happened that a quarrel broke out amongst the inhabitants of one of them, called Tarentum. This furnished the excuse which the Romans wanted to conquer the country; so Postumius, having been elected to the consulship, was at once despatched by the Senate with orders to complain of any wrong done to Roman citizens. Upon his arrival, he at once proceeded to the Senate-house, and would have made a speech : but the people laughed at his bad Greek, asked him who it was that had brought him there, and told him to go home again. Having endured this patiently for a long time, he was just going away when a rude fellow threw some dirt on him; whereat the people only laughed the more. Then Postumius, holding up his white gown stained with dirt for all to see, cried out in rage : "Laugh on now, Tarentines, but you will soon have to weep : I tell you that this dirt will be washed white in your blood."

LATIN GRAMMAR AND SYNTAX.

1. Give meaning, gender, and ablative singular of—*collis*, *glans*, *fax*, *far*, *tussis*, *jecur*, *cardo*, *carbo*, *colus*, *tibicen*, *caespes*, and *pollex*.

2. Distinguish the meanings in singular and plural of—*comitium*, *rostrum*, *copia*, *auxilium*, *aqua*, and *impedimentum*.

3. Compare—*asper*, *malevolus*, *sinister*, *post*, *citra*, *potis*, *prope*, and *ultra*.

4. Conjugate and give meaning of—*alo*, *disco*, *doceo*, *juro*, *ludo*, *carpo*, *pasco*, *adipiscor*, *coquo*, *pando*, *torreo*, *uro*, *sono*, *sero*, *lacesso*, and *foveo*.

5. Give six verbs which form the perfect by reduplication.

6. Correct the following :—

(1) Haec est urbs Romae.
(2) Haud est dubium ut civibus consul opem ferret.
(3) Possunt aliquando oculi non fungi eorum munus.
(4) Non recusabo, quominus omnes mea scripta legunt.

7. Translate into Latin :—

(1) We found water for drinking.

(2) We are desirous that you should enjoy your victory.

(3) It had come to such a pass that, if the consul had had a foe like the former kings of Macedonia, a great disaster might have been incurred.

(4) I have some one to avoid, I have none to follow.

GREEK.

Translate into English :—

1. Passage from a Greek Prose Writer (18 lines).
2. Passage from a Greek Poet (17 lines).

1. Parse—*ἐπετίθεσαν*, *ὤφελες*, *διδόασιν*, *οἴσω*, *κατέστημεν*, *ἔσχες*, *προέβαλε*, *λάθῃ*, *παρέτυχε*, *βῆναι*, *γενέσθαι*, *δραμών*, *ἁλόντες*, *ἀγαγοῦσα*.

2. Give the Greek for—(1) the greater kings, (2) the long walls, (3) the wiser prophet, (4) some more shameful death, (5) some better gifts, (6) a hundred and twenty-five ships.

3. What cases are governed, and with what meanings, by—*διά*, *μετά*, and *πρός*?

4. Correct these sentences :—(1) *πάντα δόσομεν ὑμῖν ἐὰν οὐκ ἀπίητε ἀλλὰ μένοιτε.* (2) *νέος ἧτο ὅτε τὰ τοιοῦτα πρῶτον ποίησεν.* (3) *εἰπέ μοι, πρὶν ἀπῆλθῃς, ὅ τι μέγιστον καὶ δεινώτατον ἴδες.*

5. Translate into Greek :—

We, indeed, know the true cause; but the others, speaking sweet things, have persuaded (*aor. πείθω*) the citizens. And the city having received (*δέχομαι*) these words, the bad men have escaped (*φεύγω*) unobserved. They would fall, if they became manifest (*φανερός*); but now they laugh (*γελάω*), being more prosperous (*εὐδαίμων*) than the just men, and thinking themselves safe (*ἀσφαλής*).

MATHEMATICS.

FIRST PAPER.

(*None but Candidates for Bursaries should attempt more than* TEN *questions.*)

1. The sum of any two sides of a triangle is greater than the third side. If, through the extremities of the base of a triangle whose sides are unequal, lines be drawn to any point in the bisector of the external vertical angle, their sum is greater than the sum of the sides.

2. Construct a parallelogram equal to a given triangle and having an angle equal to a given angle.

3. Find a series of lines which have the same ratios as the square roots of the natural members.

4. Write out the geometrical meaning of the following identical equations, drawing the necessary figures :—

(i.) $a(a+b)+b(a+b)=(a+b)^2$;

(ii.) $(a+b)^2+(a-b)^2=2a^2+2b^2$.

5. In any triangle the square on any side subtending an acute angle is less than the sum of the squares on the sides containing that angle by twice the rectangle contained by either of these sides and the intercept between the acute angle and the foot of the perpendicular let fall on it from the opposite angle.

6. The sum of the opposite angles of a quadrilateral inscribed in a circle is two right angles.

A, B are two points without a circle ; in AB or AB produced, a point C is taken such that the rectangle $AC \cdot AB$ is equal to the square on the tangent to the circle from A, and a line is drawn through C cutting the circle in D, E. If AD, AE meet the circle in F, G, show that a circle will go round $ABFG$.

7. If a line touch a circle and from the point of contact a chord be drawn, the angles made by this chord with the tangent are equal to the angles in the alternate segments of the circle.

8. AB, CD are any two diameters of a circle; the chord BE is drawn parallel to CD, C and E being on the same side of the diameter AB; show that the angle ABE is double of the angle CDE.

Deduce the formula $\tan\theta=\dfrac{2\tan\frac{1}{2}\theta}{1-\tan^2\frac{1}{2}\theta}$.

9. To inscribe a regular polygon of fifteen sides in a given circle. If a polygon inscribed in a circle be regular, show that the corresponding circumscribed polygon is also regular.

10. If a line bisect any angle of a triangle, it divides the opposite side into segments which are proportional to the adjacent sides.

11. The rectangle contained by the diagonals of a quadrilateral inscribed in a circle is equal to both the rectangles contained by its opposite sides.

If ABC be an isosceles triangle, vertex C, and if D be a point such that $DA+DB:DC=AB:AC$, then a circle will go round the quadrilateral $ACBD$.

12. From any point within a parallelogram perpendiculars are dropped on its sides ; show that the area of the figure formed by joining the feet of the perpendiculars is the same whatever be the position of the point.

13. From a point A on the outer of two concentric circles tangents AB, AC are drawn to the inner ; if AB, CB produced meet the outer circle in D, E respectively, then EB will be to EC in the duplicate ratio of ED to EA.

14. ABC is a given circle, centre O, and D, E are given points in the plane of the circle. Describe a circle passing through D, E and cutting the given circle in A, B, so that the triangle ABO shall have a given area.

MATHEMATICS.

SECOND PAPER.

(*None but Candidates for Bursaries should attempt more than* TEN *of the following questions.*)

1. Show that

$$n+21(n-1)n(n+1)+14(n-2)(n-1)n(n+1)(n+2)$$
$$+(n-3)(n-2)(n-1)n(n+1)(n+2)(n+3)=n^7.$$

2. Find the G.C.M. of

$$x^5+6x^3+7x-49 \text{ and } 3x^4-2x^3+27x^2+49,$$

and the L.C.M. of

$$x^3+x-2 \text{ and } x^4+x^3-2x-4.$$

3. Prove that a quadratic surd cannot be the sum of two dissimilar quadratic surds.

Show that

$$\frac{2}{\sqrt{(16-6\sqrt{7})}}-\frac{1}{\sqrt{(17+6\sqrt{8})}}=\sqrt{7}+\sqrt{8}.$$

4. Solve

(i.) $3x^2-13x-10=0.$

(ii.) $\dfrac{2x-1}{x-1}+\dfrac{x-2}{x-3}=\dfrac{3x+2}{x-2}.$

(iii.) $2x^2-6x+11=25-2\sqrt{(x^2-3x+5)}.$

5. Solve the simultaneous equations

(i.) $x^2-xy=2,\ 2x^2+y^2=9.$

(ii.) $x^2+xy+y^2=7(x+y),\ x^2-xy+y^2=9(x-y).$

6. If the diameter of a guinea is to that of a sovereign as 9 is to 7, in what ratio should their thicknesses be?

7. Sum the series

(i.) $2+5+8+\ \ldots$ to n terms.

(ii.) $1-\frac{1}{3}+\frac{1}{9}-\ \ldots$ to 7 terms.

8. The series of natural numbers is divided into groups as follows:—

(1), (2, 3), (4, 5, 6), (7, 8, 9, 10) ...;

find the first number and also the sum of all the numbers of the n^{th} group.

9. Define the logarithm of a number to a given base. What are the characteristics of $\log_6 1735$ and $\log_{\sqrt[3]{2}} \frac{1}{256}$?

10. Express in circular measure the following angles, taking $\frac{22}{7}$ as the value of π:—

$\frac{1}{2}''$, 1°, $15^\circ\ 25'$.

If an arc of a circle whose radius is 5 feet measure 15 inches, how many degrees are in the angle subtended by the arc at the centre of the circle.

11. Prove the identities

(i.) $$\frac{\tan a + \sec a - 1}{\tan a - \sec a + 1} = \tan a + \sec a.$$

(ii.) $$(\cos \theta + \sin \theta)(\cos 2\theta + \sin 2\theta) = \cos \theta + \sin 3\theta.$$

12. Solve the equations, giving all values of the angles less than 360° which satisfy them,

(i.) $$4 \sin x \,.\, \sin 3x = 1.$$

(ii.) $$\tan^2 x + \tan^2 y = 1\tfrac{1}{3}, \quad \cos^2 x + \cos^2 y = 1\tfrac{1}{4}.$$

13. Show that in every triangle

$$\frac{a}{\sin A} = \frac{b}{\sin B} = \frac{c}{\sin C} = 2R,$$

where R is the radius of the circle circumscribing the triangle.

If $$\frac{\sin \frac{1}{2} A}{\sin \frac{1}{2} C} = \sqrt{\left(\frac{\cos B - \cos A}{\cos C - \cos B}\right)},$$

prove that the sides of the triangle are in harmonical progression.

ENGLISH.

1. Name, with dates, the leading English poets up to the present time, and give the life of any one of them.

2. Give the derivation and one meaning of the following words :—*chemist*, *orchard*, *parliament*, *politics*, *orgies*, *municipal*, *harangue*, *protoplasm*, *harass*, *fetch*, *bishop*, *cannibal*.

3. Describe the following literary characters :—Mr. Micawber, Becky Sharp, Adam Bede, Jane Eyre, Andrew Fairservice, Rashleigh Osbaldistone.

4. Give an account of your favourite author. In what does his greatness consist? Refer to any defects which you have observed in his writings.

5. Essay on "The Study of History," or "The influence of the Newspaper."

III.—FOR THE DEGREE OF M.A.

I.—FOR ORDINARY DEGREE.

A.—DEPARTMENT OF CLASSICAL LITERATURE.

LATIN.

1. Translate :—

Virgil, *Æneid*, XII., 147-160.
Virgil, *Æneid*, XII., 505-508.
Virgil, *Æneid*, XII., 746-751.
Horace, *Odes*, III., 19, 1-12.
Horace, *Odes*, III., 21, 1-12.
Juvenal, *Sat.*, XI., 12-20.
Juvenal, *Sat.*, XII., 10-16.
Tacitus, *Annals*, IV., 25.
Tacitus, *Annals*, IV., 6.

LATIN PROSE.

As the enemy approached in three well-arranged divisions, "Ah," exclaimed De Montfort, "that arrangement is not your own, I have taught you how to fight." Then, as it became evident that both men and time were failing, he added, "God have mercy on our souls, for our bodies are the Prince's." The stories of the fidelity of his party are touching. He begged his partisans to fly ere it was too late. They refused to desert him, his son Henry begging him to make his escape while yet there was time and leave him alone to fight the battle. He was not a man to listen to such advice. At last the assault came. He saw the best of his followers and his son killed or disabled around him. But still, though his horse was killed under him, 'like a giant' says one, 'like an impregnable tower for the liberties of England,' says another of the Chroniclers, he fought on, wielding his sword with both hands till he fell overpowered by the assault of numbers. Three hours completed the battle which was little else than a massacre.

GREEK.

Translate :-

1. (*a*) Plutarch. *Life of Themistocles*, XVIII., 3.
   (*b*) *Ibid.*, XII., 3.
2. *Either* (*a*) Soph. *Œdip. Col.*, 681-693.
   (*b*) *Ibid.*, 1518-1529
   Or, (*a*) Soph. *Antig.*, 615-630.
   (*b*) *Ibid.*, 1155-1171 (omit 1158-1160).
3. Herod., IX., 23.

GRAMMAR, HISTORY, AND ANTIQUITIES.

A. GRAMMAR.

(*Candidates are requested to answer* TWO *questions out of C. and D. respectively.*)

1. Classify the nouns in Latin and Greek in declensions according to their stems. Give examples of each stem termination, and state the rule for the gender of nouns of the second declension in Latin and Greek.

2. What classes of adjectives in Latin have (1) three terminations in the nom. sing., (2) *ius* in the gen. sing., (3) *ium* in the gen. pl.

3. What are the chief ways of forming the comparative and superlative of adjectives in Greek? Give rules for the formation of the comparative and superlative of adjectives in *ος*.

4. Give the 1st sing., pf. indic. act., and the fut. infin. pass. of these verbs: *cognosco*, *tollo*, *condo*, *dirimo*, *figo*, *repello*, *cieo*, *cupio*, *arcesso*, *lino*.

5. Give the 1st pers. sing. of the fut. (act. or mid.) and of the aorist indic. of these verbs: *τείνω*, *ὠθέω*, *τρέχω*, *ἵημι*, *μανθάνω*, *τέμνω*, *ἀπόλλυμι*, *λαμβάνω*, *φέρω*, *φεύγω*.

6. Give rules for the various kinds of hypothetical sentences in Latin and Greek, with examples.

B. ANTIQUITIES.

1. Explain shortly the technical meaning of *maiestas*, *repetundae*, *ambitus*, *quaestio perpetua*, *ordo equester*.

2. Who were the *decemviri legibus scribendis*, the *publicani*, the *legati Caesaris?*

C. ROMAN HISTORY.

1. What was the question at issue in the Social War? Mention its leading events and general result.

2. What were the "reforms of Sulla"? Indicate their general aim and success.

3. Classify the works of Cicero according to various periods of his life.

4. What are the steps mentioned in *Ann.* IV. by which Sejanus rose to power?

D. GREEK HISTORY.

1. Describe shortly the Athenian constitution as reformed by Cleisthenes.

2. Give some account of the allies who opposed Mardonius, with an estimate of their relative strength as compared with the enemy at the Battle of Plataea.

3. Sketch briefly the lives of Herodotus and Plutarch, and estimate the value of their respective histories.

4. Briefly narrate the story upon which Sophocles's plays *Antigone* and *Œdipus Coloneus* are founded, giving a short sketch of the action in either of these plays.

UNSEEN TRANSLATIONS.

Translate:—

1. Livy, V., 8.
2. Homer, *Iliad*, XXI., 436-452.

B.—DEPARTMENT OF MENTAL PHILOSOPHY.

LOGIC.

1. State precisely the doctrine of Common Sense as held by Reid. Show how it has been misunderstood.

2. Sketch the position of Hume in the history of philosophy, noticing his relations to preceding and succeeding philosophers.

3. What different meanings may be given to the term *Feeling?* Is it convertible with *Consciousness?*

4. Distinguish Sensation and Perception. Notice Reid's view on this point. Add remarks.

5. Distinguish carefully the Beautiful, the Picturesque, and the Sublime. Give a theory of the origin of our emotions relative to them.

6. What precisely is meant by *Thought* in logic? Notice various senses of the term. Does Logic deal with Language or with Existence as well as Thought?

7. State accurately the fundamental Laws of Thought, and explain briefly their nature and use.

8. Explain precisely the nature of Inductive Reasoning. State the principle of it and its main rules.

9. Explain the distinction between Intuition and Symbolical Knowledge. Illustrate your answer.

10. "All equilateral is all equiangular." Is this one proposition, or more than one? Explain precisely the meaning of *all* in this statement.

11. Define Mood and Figure. Illustrate. Examine EEE, and IEO.

12. Explain the nature of the following Fallacies:—*Petitio Principii, Ignoratio Elenchi, Illicit Process, non Causa pro Causa, Composition, Undistributed Middle.* Give an example of each.

MORAL PHILOSOPHY.

A.—*For Students of Session* 1886-87.

1. What was meant by "the Enlightenment" of the last century, and how was Kant influenced by it?

2. What are the main questions discussed in the *Critique of Pure Reason?*

3. What are the main principles of the Stoic ethics?

4. What is meant by the Hedonistic calculus? How does Bentham propose to apply it?

5. "Nothing can be conceived in the world or even out of it, which can be called good without qualification, except a good will." How does Kant explain and defend this thesis?

6. How does Mr. Spencer explain the development of *a priori* principles in the human mind? Criticise his view.

7. What does Kant mean by the "categorical imperative of duty"? To what other kind of imperatives does he oppose it?

8. What is Kant's view of freedom? How does he deal with the difficulty of reconciling freedom with the principle of causality?

9. What is Kant's view of contract and of the rights that are based on it? Does he apply his idea of contract to the state, and, if so, in what sense?

10. What does Kant mean by a "kingdom of ends," and what are the main defects in his view of the social organism?

11. What are the two ends of moral action according to Kant, and what is their relation to each other?

12. What are Kant's views of the *Summum Bonum*, and of the relation of its constituent elements?

Eight questions, and eight only, to be answered.

B.—*For Students of Session* 1885-86.

1. What is the position of the idea of an end in the philosophy of Socrates, and how far did Aristotle adopt his view?

2. "Man is a political animal." What does Aristotle mean by this? Does he use the word "Political" exactly in the modern sense?

3. "Aristotle is a Nominalist and Plato a Realist." What is meant by this? With what modification is it true?

4. What is meant by the paradox of Hedonism? Why does it seem a paradox? What is the psychological explanation of it?

5. Explain Aristotle's view of the relation of passion to virtue, and compare it with the view of the Stoics.

6. Explain Aristotle's view of moral responsibility.

7. Explain Aristotle's view of the "golden mean," and examine Kant's criticism of it.

8. What is the relation between the formation of habit and the development of conscious morality?

9. Give Aristotle's catalogue of virtues, and examine how far it is defective from a Christian point of view.

10. Give the main points in Aristotle's view of Justice. What are the defects in his theory of private rights?

11. What is Socialism? Give a sketch of the socialistic theory of St. Simon.

12. What is the distinction between crime and civil injury, and how did it arise?

Eight questions, and eight only, to be answered.

C.—*For Students before Session* 1885-86.

1. How does Hume treat the question of liberty? Criticise his view.

2. How does Mr. Spencer use the theory of the association of ideas to explain the development of the human mind?

3. "We know only the finite and the relative." Examine the grounds on which this thesis has been maintained.

4. Explain the argument from design. What are the main objections to it?

5. What is meant by casuistical difficulties, and how does Socrates deal with them?

6. What are the main difficulties connected with the question of the freedom of the will?

7. What is meant by Egoism and Altruism respectively? Is it possible to reconcile them?

8. What are the main characteristics of the morality and religion of savages?

9. "All objects are relative to the conscious self." What is meant by this statement, and how does it affect the idea of knowledge?

10. "Desire is appetite with the consciousness of it." What is meant by this? How does self-consciousness affect the nature of desire?

11. What is Socialism? Explain and criticise one of the socialistic systems from a moral point of view.

12. What was Comte's idea of religion? Criticise it, and point out how it agrees with or differs from Christianity.

13. What different views have been taken as to the grounds of penal justice?

14. Explain and criticise Butler's view of the relation of the desire of pleasure to the other desires.

Eight questions, and eight only, to be answered.

ENGLISH LITERATURE.

1. Recount the main steps in the process by which Anglo-Saxon has passed into modern English.

2. Refer to English words which have changed—

(*a*) their form;
(*b*) their meaning.

3. Give the main rules for the arrangement of words in an English sentence. When is inversion justifiable?

4. Distinguish between:—Barbarism and Impropriety; Antithesis and Anticlimax; Metaphor and Simile. What is Mixed Metaphor? State the ground of the objection to it.

5. Comment on the statement that style varies and ought to vary with the subject and the occasion.

6. Distinguish between Epic, Narrative, Lyric, and Ballad Poetry.

7. State the plan of Chaucer's *Canterbury Tales*, and give a brief account of any one of them.

8. Show how the history of England during the fifteenth and the first half of the sixteenth century was unfavourable to literature.

9. Give a short account of the rise of the English Drama.

10. Recount the main events in the life of Sir Walter Raleigh, and give a brief estimate of his work and character.

11. Illustrate the ways in which the Scotch and Irish characters have impressed themselves upon English Literature.

12. Mention, with dates, the principal works of the following authors: Samuel Butler, Donne, Cowley, Fuller, Gower, Sir Thomas More, Marlowe, Shelley, Surrey, Waller.

13. What were the main peculiarities of the "Euphuists" and the "Metaphysical poets"? Refer to the leading representatives of each school.

14. Outline the plot of Shakespeare's *Coriolanus*, or of *Macbeth*.

15. Mention the subjects of as many of Bacon's Essays as you can remember, and give an outline of any one of them.

16. Explain with reference to the context the extracts in any two of the following sets:—

(*a*) "He had a sovereyn prys," "A Crestofre on his brest," "wastel brede," "the reule of Seint Maure," "a forneis of a leede," "al was fee symple to him," "a chanterie for soules," "bretful of pardoun."

(*b*) "The insane root," "the interim having weighed it," "Thou'rt mad to say it," "coigne of vantage," "the poor cat i' the adage," "there's warrant in that theft which steals itself," "These flaws and starts, impostors to true fear," "security is mortal's chiefest enemy."

(*c*) "Is't a verdict?" "envied his receipt," "the poor itch of your opinion," "pinned with rushes," "the grave of your deserving," "the map of my microcosm," "Commit the war of white and damask," "his Amazonian chin."

(*d*) "They may cleave, but they will not incorporate," "the arrow that flieth in the dark," "sailed the length of the great ocean in an earthen pot," "most fragrant where they are incensed," "Men in great place are thrice servants," "in evil the best condition is not to will," "the one was meant of sufficiency, the other of manners and affections," "to side a man's self."

Eight questions, and eight only, to be answered.

C.—DEPARTMENT OF MATHEMATICS.

MATHEMATICS.

FIRST PAPER.

1. If two angles of a triangle are equal the triangle shall be isosceles.

2. Construct a triangle whose sides shall be equal to three given straight lines of which any two are together greater than the third.

Construct a right-angled triangle having given the hypothenuse and one side.

3. If a parallelogram and a triangle are upon the same base and between the same parallels, the parallelogram shall be double the triangle.

The side DA of a parallelogram is produced to E and EC is joined, meeting AB in F. Prove that the triangles AFD and EFB are equal by adding to each the same triangle.

4. If a straight line be bisected and produced to any point, the rectangle contained by the whole line thus produced, and the part of it produced, together with the square on half the line bisected, is equal to the square on the straight line which is made up of the half and the part produced.

5. Enunciate the theorems of the Second Book which form an extension of the forty-seventh proposition in the First Book.

Is the triangle whose sides are 40, 51, 77 acute or obtuse-angled? Find the lengths of the segments cut off on the longest side by the perpendicular from the opposite angle.

6. If two circles touch one another, the line joining their centres passes through the point of contact.

Show that this is a particular case of the proposition that the line joining the centres of two intersecting circles bisects their common chord.

7. If a straight line touch a circle and from the point of contact a straight line be drawn meeting the circle, the angles which this line makes with the line touching the circle shall be equal to the angles which are in the alternate segment.

AB is the diameter of a circle. Find a point P on AB produced so that when tangents PC, PD are drawn to the circle $PCAD$ may be a rhombus.

8. If from a point A outside a circle a line ABC be drawn cutting the circle in B, C and a line AD meeting it in D, and the rectangle contained by AB, AC be equal to the square on AD, AD shall touch the circle.

9. Inscribe a circle in a given triangle.

If the proposition were "Describe a circle to touch three given straight lines," what extra cases would require to be mentioned?

10. Show that the circle described through the middle points of the sides of a triangle passes through the feet of the perpendiculars on the sides from the opposite angular points.

11. Give Euclid's definition of proportional quantities.

If two triangles have an angle of the one equal to an angle of the other and the sides about the equal angles proportionals, the triangles shall be similar.

12. Equal triangles having one angle of the one equal to one angle of the other have the sides about the equal angles reciprocally proportional.

Show that the proposition will hold also when the angles are unequal, but together make up two right angles.

MATHEMATICS.

SECOND PAPER.

1. Simplify the expressions:

$$(a)\quad \frac{\dfrac{x^2-7x+6}{12}-\dfrac{2x^2-7x+5}{10}}{\dfrac{3x^2-11x+8}{4}-\dfrac{5x^2-11x+6}{3}}.$$

$$(b)\quad \frac{14x^4-41x^3+23x+4}{4x^4-41x^2+30x+7}.$$

2. If $x=3$, $y=7$, find the values of

$$\frac{\sqrt{72+x^2+4y^2+4xy}}{x+2y+2} \text{ and } \frac{\sqrt{x+y+3}+\sqrt{60+4xy}}{\sqrt{x+1}+\sqrt{y+2}}$$

If $\frac{1}{y}\left(1-\frac{1}{x}\right)=1$, and $x=a+1$, find y.

3. Solve the simple equations:

$$(a)\quad \frac{x+2}{3}-\frac{4x+5}{6}=\frac{x+2}{6}-\frac{7x-8}{9}.$$

$$(b)\quad 3-x\left(3-\frac{3}{x}\right)=(3+x)\left(3+\frac{3}{x}\right)+3\left(3-\frac{3}{x}\right)-3.$$

$$(c)\quad 4x-y-4=5x-2y=1.$$

4. Divide the number 123 into four parts such that if the first be increased by 7, the second diminished by 6, the third multiplied by 5, and the fourth divided by 4, the results may all be equal.

5. A train moves a feet in b seconds. Write down expressions for

(1) the number of miles it moves per hour,
(2) the number of minutes required to move 10 miles.

6. Solve the general quadratic equation $ax^2+bx+c=0$, and find expressions for the sum and the product of the roots in terms of the coefficients.

The difference of the roots of the equation $x^2-ax+10=0$ is 3. Find the value of a.

7. Solve the equations:

(a) $6x^2+7x=75$;
(b) $(x-1)(2x-11)+(x+2)(2x-8)=(x+1)(x+2)$;
(c) $x-2y=1,\ 2x^2+y^2=54$.

8. Sum to 7 terms each of the series:

(a) 625, 500, 375, 250, etc.
(b) 625, 500, 400, 320, etc.
(c) $128\sqrt{2}$, 64, $16\sqrt{2}$, 8, etc.

Also sum the series (b) to an infinite number of terms.

9. Define the sine of an angle, and express all the other trigonometrical ratios in terms of the sine.

Find sin 30° from your definition, and deduce the other trigonometrical ratios of 30°.

10. Prove $\cos(\alpha+\beta)=\cos\alpha\cos\beta-\sin\alpha\sin\beta$.

If $\cos\alpha=\frac{5}{13}$, $\cos\beta=\frac{8}{17}$, find $\cos\overline{\alpha+\beta}$ and $\cos\alpha-\beta$.

11. Prove the relations:

(a) $\cos(\alpha+60°)+\sin(\alpha+30°)-\cos\alpha=0$,

(b) $\tan\dfrac{\theta}{2}=\dfrac{\sin\theta}{1+\cos\theta}$.

12. Prove that in any triangle

$$\tan\frac{A-B}{2}=\frac{a-b}{a+b}\cot\frac{C}{2}.$$

Find the angles A, B of the triangle ABC, having given

$$a=65,\ b=63,\ C=52°\ 22',$$
$$\log 64=1\cdot80618,$$
$$L\cot 26°\ 11'=10\cdot30830,$$
$$L\tan 1°\ 49'\ 12''=8\cdot50212.$$

13. Solve (using tables of logarithms) the triangle in which $a=39$, $b=25$, $B=22°37'$.

14. Find an expression for the radius of a circle inscribed in a triangle in terms of its sides.

If the radii of the inscribed and the three escribed circles form a proportion, the triangle must be right-angled.

NATURAL PHILOSOPHY.

FIRST PAPER.

1. Define the terms *force*, *density*, *velocity*, *momentum*. In what systems of units are these quantities generally measured?

2. Enunciate the "Parallelogram of Forces." Assuming it to be true for the direction of the resultant, show that it gives correctly the magnitude of the resultant.

How may the Theorem be experimentally illustrated?

3. At what angle must two forces of 6 and 10 dynes respectively be placed so as to have a resultant of 14 dynes?

If the angle be doubled, what does the resultant become?

4. Find the resultant of two like parallel forces.

A rod four feet long has weights hung from the ends and from each of the foot-divisions. The weights taken in order are respectively 8, 4, 7, 10 and 5 lbs. Find where the rod must be supported to balance.

5. Find the centre of gravity of a triangle and show that it coincides with the centre of gravity of three equal particles at the angular points.

6. Sketch the system of pulleys in which each string is fastened to the weight.

Is it more advantageous in raising a weight by this system to have the pulleys heavy or light?

7. Enunciate Newton's Laws of Motion.

Show that the second law gives us a means of measuring force, and also of measuring the mass of a body.

A string connecting two weights of 5 and 7 lbs. is hung over a pulley. Find the acceleration of either weight.

8. A particle moves with acceleration f during a time t through a space s. Its initial and final velocities are u. v. Prove that $v^2 = u^2 + 2fs$.

If the mass of the particle be m, find its kinetic energy at time $\frac{t}{2}$ in terms of u, v, f.

9. A train moving 40 miles an hour is brought to rest by sliding friction in half a mile. Show that the coefficient of friction is $\frac{11}{540}$.

10. Find the acceleration of a particle moving uniformly in a circle.

A stone weighing 1 lb. at the end of a string 3 feet long is swung round in a horizontal plane, making two revolutions per second. Find its tension.

11. How may the principle of the Conservation of Energy be stated in its application to Dynamics? Show its connection with the axiom that "the Perpetual Motion" is impossible.

How many foot-pounds of work are done by friction in stopping the train of question 9?

12. Explain "Simple Harmonic Motion" and give examples of such motion. Define the terms *epoch*, *amplitude*, *period*.

Find the time of the small oscillation of a simple pendulum 11 yards in length.

Voluntary Questions.

13. Define the terms—Zenith, altitude, meridian, hour angle.

14. Give some arguments in favour of the supposition of the earth's rotation.

15. Mention the more important instruments in use in an observatory, stating the purpose for which each is employed.

16. Explain generally the "Equation of Time."

17. Distinguish solar and lunar eclipses. Which kind of eclipse occurs the oftener, and why?

18. Describe the phenomena of the seasons. Which seasons are the longest, and why?

NATURAL PHILOSOPHY.

SECOND PAPER.

1. State Archimedes' principle in Hydrostatics. Explain the method of finding the specific gravity of a solid body lighter than water, and investigate a formula corresponding to your description of the method for calculating the specific gravity of the body.

2. A rectangular board 3 feet by 2 feet is immersed in water with its long edges horizontal. The upper of these two edges is seven feet below the surface and the lower eight feet six inches below the surface. Find pressure on the board.

3. Describe Nicholson's Hydrometer and explain how it is used—(1) for finding the specific gravity of a solid heavier than water; (2) for finding the specific gravity of a liquid.

4. Define "height of the homogeneous atmosphere." Show that it is independent of the barometric height and explain how it is affected by temperature. Calculate the height of the homogeneous atmosphere at 0° C. from the following:—mercury is 13·596 times as dense as water, and the weight of 1 cubic centimetre of air at 0° C. and 760 mm. pressure is 0·001293 gramme.

5. Find the weight of 100,000 cubic centimetres of dry air at 752 mm. pressure and 28° C.

6. State the Newtonian law of velocity of sound in air. The velocity of sound in air at 0° C. is 1092 feet. Find the velocity at 12° C.

7. Contrast the vibrations which constitute sound with those which constitute light both as to the nature of the vibrations and as to period and wave length, giving numerical particulars. Describe the vibrations which constitute (1) plane polarized light, (2) circularly polarized light, (3) unpolarized light.

8. Make a diagram to show the mode of throwing a *pure* spectrum on a screen. How is it known that certain metals which exist on the earth's surface are also existing in the sun?

9. A bullet weighing $\frac{1}{16}$ lb. and moving with a velocity of 1500 feet per second strikes a target and is stopped. How much heat is generated by the impact?

Suppose that half the heat remains in the bullet, find how much the bullet would be warmed. [Specific heat of lead$=\frac{1}{30}$.]

10. Describe carefully the method of mixtures in Calorimetry. Define "capacity for heat" of a body or piece of apparatus.

11. Define "specific inductive capacity." Describe Faraday's experimental method of comparing the specific inductive capacities of various materials.

12. Describe, and explain the mode of using, the sine galvanometer and the tangent galvanometer.

II.—FOR DEGREE OF M.A., WITH HONOURS.

(AND FOR SNELL EXHIBITION.)

LATIN TRANSLATION.

1. Translate :—

Virgil, *Æn.*, VIII., 407-415.
,, ,, IX., 59-68.
,, ,, XI., 677-685.
Horace, *Odes*, II., 13, 21-40.
,, *Epp.*, I., 7, 1-13.
Tacitus, *Ann.*, II., 38.
,, ,, III., 22.
,, ,, IV., 71.

One of the following passages :—

Lucretius, *De Rerum Nat.*, 125-141.
Juvenal, *Sat.*, V., 149-166.
Catullus, *C.* IV. 1-24.

FOR LATIN PROSE.

As they marched out in the early morning on the 4th of August, they saw a well-ordered army approaching, and Leicester's barber, who happened to be the longest-sighted man amongst them, at first recognized all the standards as belonging to young De Montfort; only after he had ascended a church-tower did he perceive the emblems of De Clare and Edward mingled with them. De Montfort was thus greatly outnumbered and surprised. As the enemy approached in three well arrayed divisions, "Ah," said he, "that arrangement is not your own, I have taught you how to fight." Then, as it became evident that he had neither time nor men to secure the victory, he added, "God have mercy on our souls, for our bodies are the Prince's." The stories of the fidelity of his party are touching. He begged his partisans to fly while there was time. They refused to leave him, while his son Henry begged him to make good his retreat, and leave him alone to fight the battle. He was not a man to listen to such advice. At length the assault came. He saw the best of his followers and his son killed or disabled around him. But still, though his horse was killed under him, "like a giant," says one, "like an impregnable tower for the liberties of England," says another of the Chroniclers, he fought on, wielding his sword with both hands, till he fell overpowered by the assault of numbers. Three hours completed the battle, which was little else than a massacre. "Thus lamentably fell the flower of all knighthood, leaving an example of steadfastness to others. But since there is no curse more baleful than a domestic enemy, who can wonder at his fall? those who had eaten his bread lifted their heels against him, they who loved him by word of mouth lied in their throat."

GREEK TRANSLATION.

Translate—

1. (*a*) Homer, *Odyssey*, I., 436-444.
(*b*) ,, ,, VI., 264-272.
(*c*) ,, ,, XII., 432-441.
2. (*a*) Thucydides, III., 11.
(*b*) ,, IV., 26.
(*c*) ,, V., 49.
(*d*) ,, VI., 92.
3. *Either*, (*a*) Æschylus, *Agam.*, 1126-1148.
Or, (*b*) Sophocles, *Œd. Col.*, 1211-1238.
4. Plato, *Rep.*, 487c.

SCHOLARSHIP AND HISTORY.

(*Candidates are recommended to answer* TWO *questions at least from* B *and* C *respectively.*)

A.

1. Translate, with short notes on difficulties or peculiarities of construction :—

(*a*) Hinc illum Corythi Tyrrhena ab sede profectum
Aurea nunc solio stellantis regia caeli
Accipit et numerum divorum altaribus addit.

(*b*) Heu, terra ignota canibus date praeda Latinis
Alitibusque iaces! nec te tua funera mater
Produxi, pressive oculos, aut volnera lavi.

(*c*) O soror, et dudum adgnovi, cum prima per artem
Foedera turbasti teque haec in bella dedisti,
Et nunc nequiquam fallis dea.

(*d*) Scriberis Vario fortis et hostium
Victor Maeonii carminis alite.

(*e*) Nec, quia desperes invicti membra Glyconis,
Nodosa corpus nolis prohibere cheragra.

(*f*) Sunt qui non habeant, est qui non curat habere.

(*g*) *Δεινὰ μὲν οὖν, δεινὰ ταράσσει σοφὸς οἰωνοθέτας.*
οὔτε δοκοῦντ' οὔτ' ἀποφάσκονθ'.

(*h*) *Τίς ἔτι ποτ' ἐν τοῖσδ' ἀνὴρ θυμῷ βέλη*
ἔρξεται ψυχᾶς ἀμύνειν ;

(*i*) *Οὐπώποτ' εἶπον μαντικοῖσιν ἐν θρόνοις,*
ὃ μὴ 'κέλευσε Ζεὺς Ὀλυμπίων πατήρ.

(*k*) *Οὔκουν δίκαιον τὸν σέβοντ' εὐεργετεῖν,*
ἄλλως τε πάντως χὤτε δεόμενος τύχοι ;

2. Indicate differences between Homeric and later classical Greek in respect of (*a*) forms of the aorist, (*b*) the use of *ἄν* or *κεν*.

3. "Latin adverbs were originally inflexional forms." How far is this true? Illustrate your answer with examples.

B.

1. What nation of central Italy competed with Rome for supremacy? What were the causes of its failure?

2. "Breves et infausti populi Romani amores." Criticise and illustrate this.

3. "Ubi militem donis, populum annona, cunctos dulcedine otii pellexit, insurgere paulatim, munia senatus magistratuum legum in se trahere." Translate this, and describe shortly the growth of Octavian's powers from 30 B.C. to his death.

4. Compare Rome during the last century of the Republic in respect of (*a*) corn supply, (*b*) Inland Revenue, with England of to-day.

C.

1. What were the terms of the "peace of Cimon"? Estimate its political importance.

2. How did Pericles modify (*a*) the constitution of the Athenian Democracy, (*b*) its foreign policy?

3. Give some account of the relative resources of the opposing forces in the Peloponnesian War.

4. What was the effect upon Greece and upon Athens in particular of the battle of Aegospotami?

LOGIC.

FIRST PAPER.

1. "Man is the measure of all things." In what different senses may this saying be interpreted? How was it connected with the doctrines of Heraclitus and the Sensationalists? State the leading points in Plato's refutation of it.

2. Trace briefly the development from Locke to Berkeley. How do you distinguish between the idealism of Berkeley and that of Malebranche?

3. Compare and contrast Reid's principles of Common Sense with the corresponding principles in Kant and Hegel, noticing in particular the different methods of arriving at them.

4. It has been said that Mathematics, Physics, and Biology have all in turn influenced the character of Modern Metaphysics. Illustrate this, and discuss generally the relations of science and metaphysics.

5. Compare the views of Kant, Hamilton, and Mr. Spencer concerning the Limits of Knowledge, taking into account both the premisses from which they start and the conclusions which they reach.

6. Give a brief historical account of the doctrine of Subconsciousness or Latent Mental Modifications. Does the doctrine seem to you a justifiable one, and, if so, what form of statement of it do you consider the best?

7. Is Scepticism a logical contradiction? If so, where exactly does it break down? Is it possible to make absolute Scepticism the starting point of a system of positive philosophy?

8. Give a brief account of Kant's *Antinomies*, explaining and discussing the solution which he offers.

9. What elements are involved in the conception of Personal Identity? Notice different views on this point. Discuss in particular the question whether personal identity involves the existence of a "thinking substance."

SECOND PAPER.

1. State precisely the general relation between Notions and Judgments. Is the Notion logically prior to the Judgment or posterior to it? Examine Hegel's view of the relation of the Judgment to the Notion, noticing in particular his distinction between Judgments and Propositions.

2. Discuss carefully the import of the Law of Non-contradiction, examining especially (1) Hegel's principle of the identity of contradictories, (2) Hamilton's doctrine of the Conceivable as a mean between two inconceivable contradictories.

3. Explain generally the recent applications of Mathematics to Logic. and estimate their value. Is such a mode of treatment the necessary outcome of the limitation of Logic to the Forms of Thought?

4. What is meant by Genetic Definition? Estimate its importance in science.

5. What were the chief points of difference between Mill and Whewell with reference to the theory of induction? Examine carefully the arguments on both sides.

6. "The whole of the present facts are the infallible result of the whole of the past, so that if the prior state of the universe could recur it would be followed by the present." On what principles is this statement founded? Criticise it.

7. Examine the doctrine of Reasoning in Comprehension. Compare it with Reasoning in Extension.

8. Is there sufficient ground for distinguishing Analogy and Induction as processes of reasoning? If so, show their differences and relations.

9. Make a psychological analysis of the elements involved in Belief. How do you distinguish Belief from Knowledge? and what is its relation to Activity?

MORAL PHILOSOPHY.

FIRST PAPER.

1. "With Plato Philosophy is rather a life than a doctrine." In what sense is this true? How far is such an attitude towards Philosophy justifiable?

2. What is the reason of the importance which Plato attaches to the distinction between knowledge and opinion? Examine his mode of treating the question. In what forms does the distinction present itself in modern discussions?

3. Trace the development in the treatment of Pleasure through the doctrines of Plato and Aristotle. Can either of them be described in any sense as a Hedonist?

4. "The whole complexion of thought and language on ethical subjects alters on crossing the line from heathendom to Christendom." To what extent can this statement of Dr. Martineau be supported?

5. How far can Leibnitz be justly characterized as an Individualist?

6. How are the arguments of Kant's Critique affected if we suppose knowledge to grow not by the synthesis of a "manifold of sense," but by the differentiation of the unity or "field" of consciousness?

7. "The Understanding makes Nature." In what sense was this maintained by Kant and Green respectively? Examine their doctrines.

8. "Unless man is a free cause in his theoretical life, he cannot be a free agent in his practical life." Explain and examine this.

9. What is the nature of the relation between Metaphysics and Ethics in the doctrines of Kant and in those of Green?

(*Seven questions to be answered.*)

SECOND PAPER.

1. "Earthquakes are caused by subterraneous movements."—"Gravitation is the cause of the tides."—"The French Revolution was caused by the Enlightenment."—"A spiritual principle is the cause of all things." Examine the conception of *cause* in these various statements.

2. "Reason, since it thinks everything, must be free from all admixture, in order that it may master the world—*i.e.*, that it may know it. . . . Reason, then, has no other nature but this, that it is a pure potentiality." Explain and examine this.

3. To what extent may Conscience be regarded as combining subjective and objective elements? On what principle would you distinguish them?

4. Define Remorse. What view of Freedom must be taken in order that it may be a justifiable attitude of mind?

5. "The State is the realization of Freedom, and it is the absolute end of reason that Freedom be real." Explain this, and contrast the view of Hegel with that of Mr. Spencer on this point.

6. "Feeling (of Pleasure and Pain) is the true Thing-in-itself, since in it alone Knowledge and Being are identical." Examine this.

7. "Half dust, half Deity." Is this a philosophically correct expression of human life?

8. Compare suffering and sin as difficulties in the way of philosophical optimism.

9. "Hedonism ceases to be Hedonism when its principle is universalized." Explain and examine this.

(*Seven questions to be answered.*)

MATHEMATICS.

FIRST PAPER.

1. If a straight line stand at right angles to each of two straight lines at the point of their intersection, it shall also be at right angles to the plane which passes through them.

A point is taken equidistant from three points on a circle. Show that the perpendicular from this point on the plane of the circle passes through the centre.

2. If from any point two straight lines be drawn in given directions to intersect a parabola, the ratio of the rectangles of the segments is independent of the position of the point.

3. Enunciate with the help of a figure the principal propositions referring to the asymptotes of a hyperbola.

P is any point on a hyperbola, focus S, PT a tangent meeting an asymptote in T, QPR a parallel to the asymptote meeting the directrix corresponding to S in Q and ST in R. Prove $SP=PQ=PR$.

4. The geometrical mean of two quantities is intermediate between their arithmetical and harmonical means.

If a b c be numbers in H.P., prove $a^3+c^3>2b^3$.

5. Extend the Binomial Theorem from the case of positive integral indices to that of positive fractional indices.

If $(1+x)^n=a_0+a_1x+\ldots\ldots+a_nx^n$, n being integral and odd, prove that $a_0^2-a_1^2+a_2^2-a_3^2+\ldots\ldots-a_n^2=0$, and find what the corresponding expression becomes when n is even.

6. Prove the Exponential Theorem.

7. Find the differential coefficient of a^x, and the nth differential coefficient of $e^x\sin 2x$.

Prove that the fifth differential coefficient of $(1+\sqrt{x})^9$ is

$$\frac{9.7.5.3}{2^5}\,\frac{(x-1)^4}{x^{\frac{9}{2}}}.$$

8. What is meant by Partial Differentiation? If $x=r\cos\theta$, $y=r\sin\theta$, find the partial coefficients $\frac{dx}{d\theta}, \frac{d\theta}{dx}$.

On what supposition will their product be unity?

Prove that the equation $\frac{d^2u}{dx^2}+\frac{d^2u}{dy^2}+\frac{d^2u}{dz^2}=0$ is satisfied by the functions $u=\tan^{-1}\frac{y}{x}$ and $u=\frac{xz}{x^2+y^2}$.

9. Investigate the polar equation of the tangent at any point of a curve, and apply to the parabola.

10. Prove that the radius of curvature at any point of a curve

$$= r\frac{dr}{dp}.$$

If a conic have contact of the third order with a curve at any point, the diameter of the conic through that point makes with the normal an angle $\tan^{-1}\left(\frac{1}{3}\frac{d\rho}{ds}\right)$.

11. Integrate with respect to x the functions $\sqrt{x^2+a^2}$; $\frac{1}{a+b\cos x}$ $(a>b)$; $\tan^{-1}x$; and evaluate $\int_0^x e^{-x^2}dx$.

12. Solve the Finite Difference Equations:

$$\text{(i)}\ u_x - xu_{x-1} = \lfloor x,$$

$$\text{(ii)}\ u_x u_{x+1} - 5u_x - 6 = 0,$$

and prove that

$$f(e^x) = f(1) + f(1+\Delta)0 \,.\, x + f(1+\Delta)0^2 \,.\, \frac{x^2}{1.2} + f(1+\Delta)0^3 \,.\, \frac{x^3}{1.2.3} + \ldots\ldots$$

13. What are Bernoulli's numbers? Expand $\cot\theta$ in ascending powers of θ by the use of these numbers.

SECOND PAPER.

1. Prove the formula $\cos A = 4\cos^3\frac{A}{3} - 3\cos\frac{A}{3}$, and apply it to solve an equation of the form $x^3 - qx + r = 0$.

2. Resolve $x^{2n} - 2x^n\cos n\theta + 1$ into real quadratic factors.

Prove

$$\frac{1}{1-\cos\frac{2\pi}{n}} + \frac{1}{1-\cos\frac{4\pi}{n}} + \ldots\ldots + \frac{1}{1-\cos\frac{2(n-1)\pi}{n}} = \frac{n^2-1}{6}.$$

3. If $p\ q\ r$ are the lines drawn from the angular points of a triangle to bisect the opposite sides, prove that the area is

$$\tfrac{1}{3}\sqrt{(p^2+q^2+r^2)^2 - 2(p^4+q^4+r^4)}.$$

4. Prove that in a spherical triangle

$$\text{(i)}\ \cot a\sin b = \cot A\sin C + \cos b\cos C;$$

$$\text{(ii)}\ \frac{\cos a - \cos b}{1-\cos c} = \frac{\sin(B-A)}{\sin C}.$$

5. State Napier's rules for right-angled triangles, and prove them when one of the sides containing the right angle is given.

The radius of the circle inscribed in a triangle having the angle A a right angle is $\frac{\sin b\sin c}{2\sin\frac{1}{2}(a+b+c)}$.

6. Find the equation of the normal to a parabola making a given angle with the axis, and the condition that the normals at three points should be concurrent.

7. Show how to reduce to its simplest form the general equation of the second degree.

The squares of the semi-axes of the conic

$$ax^2+2hxy+by^2+2gx+2fy+c=0$$

are given by the quadratic equation

$$r^4+\frac{\Delta}{C^2}r^2+\frac{\Delta}{C^3}=0,$$

where $\Delta=\begin{vmatrix} a & h & g \\ h & b & f \\ g & f & c \end{vmatrix}$ and C is the minor of c in Δ.

8. Find the conditions that the general homogeneous equation of the second degree in three dimensions should represent (i) two planes, (ii) a surface of revolution.

9. Find the Cartesian equations to the rectilineal generators through a given point $(a\cos\theta'\sec\phi',\ b\sin\theta'\sec\phi',\ c\tan\phi')$ on a hyperboloid. Show that they are also given by the equations $\theta+\phi=\theta'+\phi', \theta-\phi=\theta'-\phi'$.

10. Define a developable surface, and show that if $z=f(xy)$ is a developable surface $\left(\frac{d^2z}{dxdy}\right)^2=\frac{d^2z}{dx^2}\,\frac{d^2z}{dy^2}$.

11. Show how to solve a linear differential equation with constant coefficients, including the case when the auxiliary equation has equal roots.

Solve (i) $\frac{d^2y}{dx^2}-4\frac{dy}{dx}+3y=e^x\cos^2x+\cos 3x$,

(ii) $\frac{d^2y}{dx^2}+\frac{3}{a+x}\,\frac{dy}{dx}+\frac{2y}{(a+x)^2}=e^{2x}$.

12. If $u\ v\ w$ are functions of xyz and are connected by a relation $f(u\ v\ w)=0$, show that a relation independent of the form of f exists between their differential coefficients.

13. Investigate Lagrange's solution of the equation

$$Pp+Qq=R.$$

Apply to the cases

(i) $xp+yzq=z\,.\,\frac{1+x^2}{1-x^2}$.

(ii) $(\sin x-x\cos y)p+(\sin y-y\cos x)q=xy\cos x\cos y-\sin x\sin y$.

NATURAL PHILOSOPHY.

FIRST PAPER.

1. Prove that a necessary and sufficient condition for the equilibrium of a system of forces in one plane is that the sums of their moments about three points in the plane not in the same straight line should be severally zero.

Deduce the principle of Virtual Work for a displacement of a body in one plane.

2. Find the equation to the curve in which a uniform string will hang under gravity.

If ρ be the radius of curvature at any point, ϕ the angle which the tangent makes with the horizon, prove that $\rho \cos^2 \phi$ is constant.

3. The attraction of a uniform spherical shell on an external point is the same as if all the mass were collected at the centre.

4. Define potential, equipotential surface, line of force, conservative system.

Find the potential of a uniform rod at an external point.

5. Investigate the path of a projectile under gravity, and find the co-ordinate of its focus.

BC is the horizontal base of a vertical equilateral triangle ABC. A particle is projected from B at an angle $\tan^{-1}\frac{7}{\sqrt{3}}$ to the horizon with a velocity such that its path passes through A. Show that the path bisects AC.

6. Find the accelerations along and perpendicular to the radius vector of a particle moving in a polar curve.

7. A particle moves under a central force varying as the inverse square of the distance. Find the nature of the path, the initial position and motion of the particle being known.

If the path be an ellipse, find the period of the motion.

8. Give a general method of discriminating between positions of stable, unstable, and neutral equilibrium.

9. Assuming that the radius of the earth is 20,900,000 feet and that $g=32$, prove that a body close to the surface of the earth and attracted by it will travel round the equator seventeen times per day approximately.

10. Investigate the equation of the symmetrical movement of heat in a solid sphere,

$$\frac{dv}{dt}=k\left(\frac{d^2v}{dr^2}+\frac{2}{r}\frac{dv}{dr}\right).$$

Write down the surface condition when the sphere is cooling in air at zero temperature.

Show that the conditions are satisfied by $v=A\frac{e^{-kn^2t}}{r}\sin nr$, where n is given by a certain equation, and write down the general solution.

11. Assuming that the displacement of an elastic string vibrating transversally is given by $y=f\left(x-\frac{2lt}{\tau}\right)+F\left(x+\frac{2lt}{\tau}\right)$, prove that the form at time t of a finite string pulled aside at one point and left to itself is given by

$$y=\frac{2bl^2}{\pi^2 a(l-a)}\Sigma_1^\infty \frac{1}{i^2}\sin\frac{i\pi a}{l}\sin\frac{i\pi x}{l}\cos\frac{2i\pi t}{\tau},$$

l being the length of the string, a the distance of the point displaced from one end, b the distance through which it is displaced, τ the period of vibration.

12. A string vibrates, producing the *i*th harmonic component of its fundamental note. Prove that the energy is proportional to the square of the product of the amplitude and the frequency of vibration.

13. Define *stress* and *strain*. When is a stress said to be orthogonal to a strain?

Prove that the magnitude of the resultant of six mutually orthogonal strains or stresses is equal to the square root of the sum of their squares.

SECOND PAPER.

1. Define irrotational motion and velocity-potential. Give one good illustration: several illustrations if you have time.

2. Define circulation. Assuming the theorem of constant circulation, prove Helmholtz's law that molecular rotation varies in simple proportion to distance between two particles infinitely near one another in the line of the axis.

3. Investigate deep-sea wave-motion either by the steady-motion method, or the other: or, give some part of either investigation.

4. Investigate the motion of water in a uniform or non-uniform pipe ending in two long cylinders of equal diameters, with pistons; a given force being applied to one of the pistons while the other is left free. Compare with the translational motion of a rigid body acted on by a given force.

5. Prove that the attraction of a uniform spherical shell is zero, for internal points; and is, for external points, the same as if its whole mass were collected in its centre.

6. Find the attraction of a uniform circular disc for a point in its axis.

7. Find A_i, to make $\Sigma A_i \sin ix = x$; and explain the limits between which the result holds.

8. Find the equation of the conduction of heat through a solid, in terms of (x, y, z, t). Find also the surface condition for any given surface—emissivity h, and temperature of surroundings, T.

9. Find the distribution of heat at time, t, in a thin uniform ring, coated with impermeable varnish, supposing the initial distribution known.

10. Define centre of inertia. Find the centre of inertia of a quadrantal arc by means of the Properties of Pappus or Guldinus.

11. Define moment of inertia. Prove that the moment of inertia of a system of particles about any axis is equal to the moment of inertia about a parallel axis through the centre of inertia, together with the moment of inertia, about the first axis, of the whole mass supposed concentrated at the centre of inertia.

12. Investigate the polar differential equation of motion of a particle under the influence of a central force, the centre of force being the origin.

13. A particle moves under a central force varying directly as the distance. Find the path and show how to determine the constants of integration from initial circumstances.

14. Investigate the pendulum formula to a second approximation.

IV.—FOR LL.B. AND B.L.

LAW OF SCOTLAND.

(NOTE.—*Not more than twelve of the following questions are to be attempted, of which one must be in Criminal Law.*)

1. "Ignorantia juris neminem excusat." Explain and illustrate the application of this maxim.

2. State the rule as to the liability of a principal for the fraud of his agent, and explain shortly the reason of it.

How is the rule applied in the case of a shareholder of a company, who has been induced to take shares by the fraud of the directors?

3. What is a crossed cheque? Explain fully the purpose and effect of crossing.

4. Show whether or not the maxim "Res perit domino" applies in the contracts of Sale, Pledge, Loan, and Deposit, and explain any exception.

5. What are the rights of the purchaser in the case of a breach of Warranty?

If a ship is to be built to draw 12 feet when fully loaded, the price being paid by instalments at certain stages of progress, and she draws 13 feet when finished, taken possession of, and tried, *quid juris?*

6. What is a Limited Liability Company? Under what conditions may one be formed?

7. While two omnibuses are racing, a married woman, a passenger, is injured. To whom and against whom is an action competent?

8. What effect upon the rent has the total or partial destruction of the subject let?

9. What is the effect of a "legatum rei alienæ"?

10. A dies, leaving a house valued at £3,000; a Bond and Disposition in Security for £10,000; Railway Stock, etc., valued at £10,000. He is survived by a widow, a son, and a daughter, and a son and daughter of his eldest son, who predeceased him. There being no marriage contract, draw up a scheme of division of his estate.

11. Explain and illustrate the maxim "Tutor dator personæ, curator rei."

12. What is the law as to divorce for desertion? What defences may be stated?

13. Explain the phrases:—Consequential damages, oath of calumny, common interest, thirlage, heirs portioners.

14. May a child be punished as a criminal?

15. If a stranger finds a key concealed under a door mat, tries it in the door, opens it, and enters the house, with what crime or crimes may he be charged?

CIVIL LAW.

1. If a pupil had no Tutor how was the defect supplied (1) in the time of Justinian, (2) in earlier times?

2. Explain—*actio praejudicialis: actio arbitraria: actio confessoria: actio negativa: actio noxalis: actio exercitoria: actio institoria: actio tributoria.*

3. Distinguish between *jura in re* and *jura ad rem.*

4. In the Roman law of civil process describe the system (1) of *legis actiones:* (2) of *formulae:* and (3) of *extraordinaria judicia.*

5. How might an insolvent master manumit his slave so as to avoid challenge from creditors? What was necessary to found a charge of manumission in fraud of creditors?

6. Explain and illustrate the meaning of *accessio* as applied to the acquisition of rights of property in things. Refer to the distinction drawn by the Civil Law between paintings and writings with regard to the material whereon they were.

7. Who, by the Civil Law, might not be witnesses to a Testament?

8. Under what conditions could a parent make a Testament for his pupil children? At what age was it necessary that the *substitutio pupillaris* should terminate?

9. Translate and explain—"*Neque ex falsa demonstratione neque ex falsa causa legatum infirmatur.*"

10. Explain the *jus bonorum possessionis.* What was *bonorum possessio secundum tabulas?* In what cases was it resorted to?

11. In what different ways might agreements be made so as to have a right of action attached to them? Give instances.

12. Write a short description of the following contracts:—*Mutuum: commodatum: locatio: depositum: pignus: societas.*

CONVEYANCING.

1. In ascertaining the amount of composition exigible from a vassal, (*a*) what are the cases in which he is entitled to deduction of one fifth for teind; and (*b*) what are the cases in which he is not entitled to such a deduction?

2. In the following destinations of heritage occurring in dispositions *inter vivos*, state the rights of the respective disponees;

To A in liferent and his heirs in fee.
To A in liferent and B in fee.
To A in liferent, whom failing to B in liferent, and to the heirs of B in fee.
To A, and after his decease to B.
To A and B, spouses, in conjunct fee and liferent, and to their heirs in fee.
To A and B, strangers, in conjunct fee and liferent, and to the heirs of B in fee.

3. A, entered with the Crown, feued to B.—B, infeft, subfeued to C.—C, infeft, disponed *a me vel de me* to D, with P. of R. and P. of S.—D, infeft, but unconfirmed, disponed to B, with P. of R. and P. of S.—B also acquired the *dominium directum* held by A. B resigned on the P. of R. on the disposition by D, obtained a Charter of Resignation, and took infeftment thereon. He then took infeftment on the disposition by

A, and obtained confirmation. What is the condition of the title? If defective, state wherein the defect lies, and how it could have been remedied according to the law and practice prior to 1874. State also the steps necessary to effect consolidation at the same period.

4. A was infeft in the *dominium directum* of the lands of Whiteacre under a deed of entail which contained a disposition of the lands. He purchased the *dominium utile*, and took the conveyance with a destination to himself and his heirs whomsoever (who were different from the series of heirs in the deed of entail). On the death of A, his eldest son B completed a title, as next heir of entail, to the *dominium directum*, and possessed the *dominium utile* upon apparency for forty years. On his death, C, the next heir of entail, who is also heir at law of B, proposes to deal with the *dominium utile* as if proprietor thereof in fee simple. Has he a right to do so? Give reasons for your answer; and show how his title is to be completed according to the present law and practice.

5. Explain the nature and effect of the different kinds of warrandice that may be expressed or implied in a disposition of lands. A gratuitous trustee, with power to borrow, grants *quâ* trustee a first bond, and then a second bond over the trust property. The second bond contains the clause, "I grant warrandice," without excepting the first bond. Both bonds are duly recorded. The subjects being sold, the price is insufficient to pay both bonds. What liability, if any, does the trustee lie under to the second bondholder? Give reasons for your answer.

6. What are the rights and liabilities of the original contracting parties, *inter se*, in the cases (*a*) of a feu contract; (*b*) of a contract of ground annual; and (*c*) of a lease in which assignees are not excluded, under each of the following obligations by the second party: (1) "I bind myself, and my heirs, executors, and successors, to pay" (the feu-duty, ground annual, or rent, as the case may be); and (2) "I bind myself, and my heirs, executors, and successors, all conjunctly and severally, to pay" (as before). The second party in each case is supposed, when the question arises, to have sold and conveyed his right to a third party, who has entered into possession, and completed his title where necessary. Give reasons for your answer.

7. A, infeft in the lands of Blackacre, granted a disposition thereof, in implement of an obligation in his ante-nuptial marriage contract, in favour of himself in liferent, for his liferent use only, and of the children of the marriage in fee. Infeftment was expede in favour of A "in liferent for his liferent use only." A son was born of the marriage. Subsequently A incurred debt, and an adjudication was directed against the lands. In a competition between the son and the adjudger, who is entitled to prevail? Give reasons for your answer; and complete the title of the successful claimant according to the law and practice in 1870.

8. State the various modes in which the successors of the creditor in a Bond and Disposition in Security, who died in 1886, may complete their title (*a*) where executors are excluded; (*b*) where they are not excluded; and (*c*) where the deceased creditor was a sole trustee, (1) in the case where the creditor was infeft; and (2) in the case where he was not infeft.

Note.—Cases (*a*) and (*b*) are meant to include both testate and intestate succession.

9. By ante-nuptial marriage contract between A and B, to which X, the father of A, was a party, X assigned to trustees a sum of money to be invested for behoof of A in liferent for his liferent use only, and for behoof of the children to be born of the marriage in fee. No children have been born of the marriage, and B, the wife, is now 61 years of age. X having died, A as his only son and next-of-kin, with consent of his wife, calls upon the trustees to denude in his favour. Are they entitled or bound to do so? Give your opinion upon the case, with reasons.

10. B, infeft and confirmed, disponed in 1868 *inter vivos* and gratuitously, to his heir C, who took infeftment. B died in 1870. In 1880, C, who had not been required by the superior to enter or to pay a casualty, sold and disponed in the usual form to D, who took infeftment. The entry of singular successors being untaxed, the superior has demanded a composition from D in respect of his implied entry. Discuss the validity of this claim. State what right of relief, if any, D will have.

11. By ante-nuptial marriage contract, A and B, intending spouses, disponed their estates to the survivor in liferent, and to the issue of the marriage in fee, and failing such issue, then to the next-of-kin of A. A child was born of the marriage, but died in minority, predeceased by A. B having now died also, state (1) at what period vesting took place; and (2) who are entitled to take, under the description of next-of-kin.

PUBLIC LAW.

(NOTE.—*Not more than three questions under each branch are to be attempted.*)

A.

1. Compare the notion of the State in Criminal, Constitutional, and International Law respectively.

2. How can the institution of the closure be justified?

3. How far can crime and punishment be estimated quantitatively?

4. What is the significance of the present tendency to socialistic legislation?

B.

5. Compare the ancient and the modern ideas of legislation.

6. Criticise the expressions—Duke of Normandy, King of France, Pope of Rome, Empress of India.

7. Mention some of the most famous ancient divisions of property, and show how they arose.

8. Give any examples of criminal codes dealing with Sins.

C.

9. Should the subject of Intervention find a place in a Code of International Law?

10. In what sense is engaging in the slave trade a violation of International Law?

11. Mention the chief exceptions to the general rule that deceit is permitted against an enemy.

12. What are the formalities of visit, and on what grounds may capture of a vessel take place?

D.

13. State the two leading theories as to domicile laid down by the Courts of this country, and show whether they can be reconciled.

14. A domiciled Frenchman marries a Scotch girl in Glasgow, without having procured the previous consent of his parents, and then deserts her. The marriage being invalid by French Law, is any remedy competent to her in the Scotch Courts?

15. A British ship is validly hypothecated by verbal contract in a Foreign port. Would the British Courts sustain the claim of the creditor to a preference?

16. When a person dies leaving heritable and moveable property situated in different countries, what law determines the heirs, and how is the division effected?

CONSTITUTIONAL LAW AND HISTORY.

1. Contrast the characters and the administrations of Charles I. and James II.

2. During Charles II.'s reign did any, and if so, what, conflict arise between Crown and Parliament as to the exercise of the legislative power in the State? Characterize from a Constitutional point of view the reign of Charles II.

3. Write a short account of our Constitutional History under the Tudors. Give illustrations.

4. What are the three main principles on which our system of government now rests? What duties does the recognition of these principles lay on the Sovereign, the Ministers, and the Parliament respectively?

5. Describe the process of "forming a Ministry." Illustrate your answer.

6. What are the main functions discharged by the Treasury Board? How is the Parliamentary responsibility of the Treasury provided for?

7. Sketch the history, and describe the constitution of the Board of Admiralty. Explain the departmental relation of the Admiralty to the Cabinet.

8. What is the present constitution of the House of Lords? What distinct privileges do the Peers as hereditary legislators enjoy?

9. Describe the functions of the Speaker. What forms are observed at and immediately after his election? What are the "rights and privileges" claimed by him on behalf of the Commons at the beginning of a Parliament?

10. Compare and contrast Cabinet with Presidential Government.

11. What, according to Bagehot, are the functions of the House of Commons? Explain and examine his statement—"Government by a *club* is a standing wonder."

12. What are the defects of the popular branch of the Legislature when acting as a Sovereign? What is the regulator which overcomes the defects, and how does it work?

MEDICAL JURISPRUDENCE.

1. How far may the question of identity be cleared up by the examination of the complete skeleton, or of parts thereof? Give any instances that occur to you.

2. How is Tattooing performed? Does it ever disappear, and if so, under what circumstances?

3. Discuss the Hydrostatic test of live birth, and the fallacies which have been urged against it.

4. Examine the value of chemical analysis as a source of evidence in cases of suspected poisoning.

5. Is there any distinction between the legal and medical tests of responsibility for crime in cases of unsoundness of mind? If so, explain it.

V.—FOR DEGREES OF M.B. AND C.M.

I.—EXAMINATION IN GENERAL EDUCATION.

ENGLISH.

30th March, 1887.

1. Dictation.

2. Write an essay on "The Medical Profession," or on "The Season of Spring."

3. Give the derivation and meaning of the following words:—Library, street, union, obstruction, surgeon, terror, comply, promenade, music, market.

4. Conjugate the following verbs:—Give, hang, bring, go, cut, smite, bear, show, forsake, fall.

5. Enumerate all the parts of speech, and distinguish between them.

6. What is the meaning of Tense? Give with their signs all the tenses of the Indicative mood.

7. Analyse the following passage, and parse the words in Italics:—

> "*Yea*, from the table of my memory
> *I'll wipe* away *all* trivial fond *records*,
> All *saws* of books, all forms, all *pressures past*
> *That* youth and observation copied *there*;
> And thy commandment *all alone* shall live
> Within the book and *volume* of my brain,
> *Unmixed* with baser matter."

LATIN.

March, 1887.

I. Translate :—

Caesar, *De Bell. Gall.*, V. At barbaris consilium non defuit. Nam duces . . . recipientes insequantur.

1. Parse and conjugate the following :—*accedant*, *cadebat*, *discederet*, *fecerint*, *iusserunt*, *noceri*, *perferimus*, *reliquissent*, *subtexere*, and *tecti*.
2. Decline *atra nubes*, and *quaeque cohors*.
3. Compare *ingens*, *liber*, *magnus*, and *dives*.
4. Translate into Latin :—
   - (1.) Dolabella having been decreed yesterday to be an enemy. war must be carried on.
   - (2.) A wall ten feet high protected the soldiers.
   - (3.) He commanded the Helvetii to cast away their arms and go away.
   - (4.) Envoys came into the camp to complain of the wrongs.

II. Translate :—

Virgil, *Aen.* III. Portus ab accessu ventorum immotus . . . non intempesta tenebat.

III. Translate :—

Sallust, *Catil.* Saepe maiores vestri miseriti plebis Romanae . . . maxime ulti sanguinem nostrum pereamus.

ARITHMETIC.

30th March, 1887.

1. From the sum of thirty-two million five hundred and seven thousand eight hundred and two and forty-nine million three hundred and seventy-six subtract sixty-three million sixty-three thousand and sixty-three.

2. Find the quotient and remainder when 578,361 is divided by 472.

3. Find the difference between the greatest and the least of the fractions $\frac{4}{11}$, $\frac{3}{4}$, $\frac{2}{7}$, $\frac{5}{9}$.

4. Express in its simplest form $\frac{306 \times 234 \times 5605}{221 \times 324 \times 1121}$.

5. What is the value of 15 tons 6 cwt. 2 qrs. at £4 11s. 8d. per cwt. ?

6. Multiply together 5·016, ·0021 and 3·013.

7. Divide $\cdot 2\dot{1}3\dot{4}$ by $\cdot 36\dot{7}$.

8. A coach which travels at the rate of 8 miles per hour takes 12 hours to go from *A* to *B* ; in what time would a train which goes at the rate of 28 miles per hour do the journey ?

9. At what rate will the interest on £4,127 10s. amount to £92 17s. 4½d. in a year ?

10. If the income tax on £200 be £2 7s. 9d., what is it on £350 ?

ELEMENTARY MATHEMATICS.

31st March, 1887.

1. Define a "parallelogram," a "circle," "parallel straight lines." What is the least number of straight lines that will enclose a space?

2. The angles which one straight line makes with another on one side of it are together equal to two right angles.

3. If a straight line cutting two other straight lines make the alternate angles equal to one another, the two straight lines shall be parallel.

4. Prove that a parallelogram has its opposite sides and angles equal and is bisected by either diagonal.

5. If a straight line be divided into any two parts, the squares on the whole line and on one of the parts are equal to twice the rectangle contained by the whole and that part, together with the square on the other part.

6. A segment of a circle being given, to describe the circle of which it is a segment.

7. On a given straight line to describe a segment of a circle containing an angle.

8. Find the value of $\dfrac{2\sqrt{(a^2+b^2)}+\sqrt[3]{(a^2+b^2-c^2+6d^2)}}{d-c+b+a}$ when $a=3$, $b=4$, $c=5$, and $d=6$.

9. Find the coefficient of x^2
   (i.) in the product of x^2-ax+b by ax^2-bx+c.
   (ii.) in the quotient of $x^6-25x^4+2x^3+1$ by x^3+5x^2+1.

10. Solve the equations :—
   (i.) $3(x+3)^2+5(x+5)^2=8(x+8)^2$.
   (ii.) $(x-2)(x-5)+(x-3)(x-4)=2(x-4)(x-5)$.

MECHANICS.

31st March, 1887.

1. Define "the velocity of a point" and "change of velocity of a point." If a velocity of 12 north be changed into a velocity of 5 east, find the magnitude of the change of velocity, and draw a diagram representing the direction of the change.

2. When a point moves with uniformly accelerated velocity during any interval of time, how is the average velocity during the interval obtained.

A body starts from rest with a uniform acceleration 12. Find its velocity after 30 seconds, and the distance it has gone in that time.

3. State Newton's Third Law of Motion, and illustrate by the case of a horse towing a boat along a canal.

4. When is a force said to do work, and how is the work measured? How much work is done against gravity by an agent that raises a mass of 10 tons to a height of 20 ft.? If the mass be raised in two minutes, at what rate does the agent work?

5. If one of two forces acting on a particle is 5 lbs., and the resultant is also 5 lbs. and at right angles to the known force, find the magnitude of the other force and draw a diagram showing its direction.

6. Define the "centre of inertia" of a body. A bicycle and its rider weigh 60 lbs. and 10 stone respectively; the distance between the points of contact of the two wheels with the ground is 3 ft. 6 in., while the points through which the weights of the bicycle and rider act are distant 7 in. and 6 in. respectively from the point of contact of the driving wheel. Show that the resultant of the weights of the bicycle and rider acts at a point distant $6\frac{3}{10}$ in. from the same point of contact, and that the wheels exert a pressure on the ground of 170 lbs. and 30 lbs. respectively.

7. A body weighing 12 lbs. rests on an inclined plane and is supported by a horizontal force of 5 lbs. Find the pressure on the plane.

8. Define "the moment of a force about a point." ABCD is a square. Prove that the moments about A of the forces represented by BC, CD, BD are equal.

9. Prove that in a heavy fluid the pressures at all points in the same horizontal plane are equal. If the points be not in the same horizontal plane, is there any difference between the pressures at the points, and, if any, what is its amount?

10. Define "specific gravity." A mass of ice floats down a river with 20 cubic feet above the surface of the water; assuming the specific gravity of the ice to be ·925, find the number of cubic feet in the mass.

Only eight questions are to be attempted.

GREEK.

1st April, 1887.

1. Translate :—

Ἐμοὶ μὲν δὴ Σωκράτης τοιοῦτος ὢν ἐδόκει τιμῆς ἄξιος . . . . ἦν θεραπεύων τοὺς θεοὺς μάλιστα πάντων ἀνθρώπων:

St. John's Gospel—

Ἦν δέ τις ἄνθρωπος ἐκεῖ τριάκοντα καὶ ὀκτὼ ἔτη ἔχων . . . . ἆρον τὸν κράββατόν σου καὶ περιπάτει.

2. Decline in singular, dual, and plural, giving all cases, πᾶς τις νόμος, οὐδεμία αἰτία, and compare κακός, ὑγιής, and ἄξιος.

3. Parse and give future and perfect indicative active of :—εὕροι, ἀπεῖχε, ἀπεστέρησε, and γέγραπτο.

4. Translate into Greek :—

(1) Death was the punishment of thieves according to some ancient (ἀρχαῖος) laws.

(2) Instead of doing harm (βλάπτειν) to the city Socrates helped it (ὠφελεῖν) in every way (τρόπος).

(3) Who would think him to be a traitor (προδότης)?

FRENCH.

March, 1887.

1. Translate :—

Montesquieu, *Grandeur des Romains et leur Decadence*.—Parmi tant de malheurs, on cherche . . . . ville autrefois défendue par la mer, comme Venise l'est aujourd'hui.

Le peuple romain, presque toujours abandonné . . . . leurs propres lois.

Telle fut la fin de l'empire . . . . parce que toutes les nations l'attaquèrent à la fois, et pénétrerent partout.

(1) Give the plurals of *bateau*, *cheval*, *travail*, and *genou*. and the singulars of *fils* (sons), *fils* (threads), *yeux*, and *maux*.

(2) Correct the following :—*l'eau frais*, *un vieux ami*, *un homme fière*, *un mauvais raison*.

(3) Give first person present, imperfect, and future indicative active of *aller*, *courir*, *dormir*, *mourir*, *savoir*, *valoir*, *croire*, and *craindre*.

(4) Parse *pourait*, *faisait*, *furent*, *commença*, *commencerent*, and *attaquant*.

II. Translate into French :—

(1) About the same time he was detained five to six weeks.

(2) This is what my neighbour said to me.

(3) I believe that you are wrong.

(4) After that, we shall see what you can do.

GERMAN.

March, 1887.

1. Translate :—

Schiller, *Maria Stuart*—

Denkt an den Wechsel alles Menschlichen !

. . . .

Die Flehensworte mir im Busen an.

2. Parse the following, giving present and imperfect indicative active, and past participle :—*verehret*, *fliesst*, *ringend*, *rühre*.

3. State which of the following particles are separable. and which inseparable when compounded with a verb :—*be*, *bei*, *er*, *her*, *ver*, *vor*, *zer*, and *zu*.

4. Translate into German :—

(1) He entertained (*unterhalten*) the company (*Gesellschaft*) the whole night through.

(2) The ship is said (*sollen*) to have been in great danger (*Gefahr*).

(3) He caused (*lassen*) them to be brought in (*einführen*) into the castle.

(4) Goethe was born in Frankfort on the Main on the twenty-eighth of August, seventeen hundred and forty-nine. (Write out in words.)

HIGHER MATHEMATICS.

2nd April, 1887.

1. The diameter is the greatest chord in a circle ; and of all others that which is nearer to the centre is greater than one more remote.

2. Give Euclid's definition of proportion, and illustrate it by showing that triangles of the same altitude are to one another as their bases.

3. If two triangles have one angle of the one equal to one angle of the other, and the sides about the equal angles proportionals, the triangles shall be similar.

4. Any rectilineal figure described on the hypotenuse of a right-angled triangle is equal to the similar and similarly described figures on the other two sides.

5. Solve—

$$\text{(i.)}\quad \frac{x}{2} - \tfrac{1}{8}(y-2) - \tfrac{1}{4}(x-3) = 0. \qquad \text{(ii.)}\quad 2x - \frac{3}{y} = 3.$$

$$x - \tfrac{1}{2}(y-1) - \tfrac{1}{3}(x-2) = 0. \qquad 8x + \frac{15}{y} + 6 = 0.$$

6. A debtor is just able to pay his creditors five shillings in the pound; but if his assets had been five times as great and his debts two thirds of what they really were, he would have had a balance in his favour of £140. How much did he owe?

7. Solve the equations—

$$\text{(i.)}\quad \frac{x}{x+1} + \frac{x+1}{x+2} = \frac{x-2}{x-1} + \frac{x-1}{x}.$$

$$\text{(ii.)}\quad x^2 + 3xy = 54,$$
$$xy + 4y^2 = 115.$$

8. Express the tangent of an angle in terms of the cotangent only and of the secant only. Find the angles less than 180° which satisfy the equation $\sqrt{3}\,.\,\sec^2\theta = 2(\tan\theta + \sqrt{3})$.

9. Adopting the usual notation, prove the following formulae connecting the sides and angles of a triangle—

$$\text{(i.)}\quad \frac{\sin A}{a} = \frac{\sin B}{b} = \frac{\sin C}{c};$$

$$\text{(ii.)}\quad a(b\cos C - c\cos B) = b^2 - c^2.$$

10. The sides of a triangle are m, $2m$, $\sqrt{7}\,.\,m$; find the greatest angle.

LOGIC.

1st April, 1887.

1. In what ways has Logic been defined? Give your own views as to its use and its relation to the other sciences.

2. What is a term? Give and distinguish the different kinds of terms.

3. Language is said to grow. Name and explain some of the laws by which this is accomplished.

4. Enumerate the different kinds of Propositions, and show how they are distinguished from each other.

5. Give and illustrate all the different logical parts of which a Syllogism consists.

6. Define a Fallacy. What are the Logical Fallacies, and how do they arise?

7. Explain the meaning of the following words and phrases:—Induction, Analogy, Deduction, Uniformity of Nature, Anticipation of Nature.

MORAL PHILOSOPHY.

1st *April*, 1887.

1. What does Mr. Spencer mean by "Conduct in General," and how is it related to the science of Ethics?
2. How is the "Evolution of Conduct" connected by Mr. Spencer with function and structure?
3. What is the ultimate moral aim of Ethics? How does Mr. Spencer regard the aims of other schools of thought.
4. Of what value is the conception of causation in Ethics, and how has its neglect in the past affected conduct?
5. "Greater coherence among its component motions broadly distinguishes moral conduct from immoral conduct." Explain and criticise this statement.
6. Define Pain and Pleasure. How is their relativity demonstrated by Mr. Spencer?
7. Is Egoism sufficient as a basis of conduct? Give in full your reasons for your answer.

II.—PROFESSIONAL EXAMINATIONS.

1.—*FIRST PROFESSIONAL EXAMINATION.*

CHEMISTRY.

October, 1886.

1. A solution has an alkaline reaction to test-paper. How would you ascertain whether the alkalinity was due to potash or soda? What common metals might be contained in the solution, and how would you detect them?

Also for B.Sc.—Supposing potassic tartrate were also present in the solution, what additional metals might be found in it?

2. How many cubic feet of air are required to convert one ton of carbon into carbon monoxide? What will be the volume of the mixture produced?

[1 cubic foot of air = 563 grains.]

3. You are provided with manganese dioxide, ferrous sulphate, potassic chloride, calcic carbonate, and water. What substances could be made from these materials? State as briefly as possible the reactions in each case.

4. Mention the common gases, simple and compound, which are soluble in water, in potash, and in mercury respectively.

5. What volume of sulphur dioxide at 120° Cent. and 740 mm. can be obtained from 5000 kilos. of pyrites containing 35 per cent. of sulphur?

BOTANY.

9th April, 1886.

1. What is a leaf? Explain fully the grounds for designating (*a*) the scales of a bulb (*e.g.* onion); (*b*) stamens, and (*c*) carpels, as leaves.

2. Describe and compare the types of floral structure in the *Labiatæ* and *Scrophulariaceæ*.

3. What is meant by Root pressure? Describe an experiment for illustrating it.

4. Compare the mode of sexual reproduction in *Angiosperms* with that in the *Ferns*.

5. Define the terms (1) *symmetry*, (2) *regularity*, (3) *symbiosis*, (4) *superior*, (5) *inferior*. (4 and 5 as applied to the ovary.)

11th October, 1886.

1. Give a brief description of the structure of the Lamina of a typical leaf of a Dicotyledon: what are its main functions? point out how its structure is suited to carrying them out.

2. Describe in detail the structure of the seed of a common Bean, and discuss its value as a food-stuff.

3. Explain the various ways in which animal agency is recognized as affecting the life and development of plants.

4. What is meant by "vegetative reproduction"? and explain how it is effected in Angiosperms, Ferns, Liverworts, Florideæ, Lichens, and Œdogonium.

5. Describe briefly the life-history of a Moss.

Only four of the above questions to be answered.

ZOOLOGY.

April, 1886.

1. Describe the "flying" Reptiles, and compare their appendages with those of Birds and flying mammals.

2. What are the distinctive characters of any three divisions of the Mollusca?

3. In what groups of animals are the lungs and ovaries developed on one side only instead of on both?

4. Give the leading characters of Anthropoda, and of any two of the leading groups which make up the assemblage Anthropoda.

11*th October*, 1886.

1. Give the distinctive characters of the Teleostean, Ganoid, and Elasmobranch Fishes.

2. Describe a typical segment of a worm ; where are the equivalents of the hepatic and renal organs situated ?

3. Describe the heart of a Lamellibranch : how many chambers may it consist of ? What are its relations to the organ of Bojanus ?

4. What are the organs of locomotion among Protozoa, and describe more particularly those of Infusoria.

5. In what animals besides Vertebrates is an internal skeleton more or less developed ?

2.—*SECOND PROFESSIONAL EXAMINATION.*

DESCRIPTIVE ANATOMY.

10*th April*, 1886.

1. Describe the superficial abdominal ring.

2. Describe the splenius muscle.

3. Describe the microscopic anatomy of the integuments of the palm of the hand.

4. Describe the coverings of the spinal cord, and the passage of the nerves through them.

DESCRIPTIVE ANATOMY.

12*th October*, 1886.

1. Describe the ligaments uniting the calcaneum to the cuboid and scaphoid bones, and the occasions on which the more important of them are put on the stretch.

2. State the origins and insertions of the following muscles :—the attollens auriculam, the omo-hyoid, the genio-glossus, the pronator radii teres, and the pyriformis.

3. Describe the epithelium lining the different parts of the kidney.

4. Describe the appearance and structure of the crystalline lens and its capsule.

INSTITUTES OF MEDICINE OR PHYSIOLOGY.

10*th April*, 1886.

1. State what you know regarding the structure of the mammary gland. What is the chemical composition, physical properties, and microscopic appearances of milk ?

2. (*a*) Describe the mechanism of respiration. (*b*) What effect has respiration upon the blood and inspired air? (*c*) What do you mean by: (1) Tidal air, (2) Supplemental air, (3) Residual air, and (4) Complemental air?

3. What is the structure of the retina? Explain the mode of perception of colours. What do you mean by "Daltonism"?

4. What is understood by the "internal capsule" in the physiological anatomy of the brain? Show how it is formed, and point out the effects of destruction of that part on the right side.

5. Suppose a man enclosed in an air tight chamber containing 10,000 cubic feet of pure air. What change on the air would be effected in one hour?

Candidates for M.B. must answer the first four questions only. Candidates for B.Sc. must answer all the questions.

PHYSIOLOGY.

12*th October*, 1886.

1. What are the theories regarding the excretion of urine? State the percentage composition of healthy human urine; and give one method for estimating the quantity of urea.

2. How would you estimate the blood pressure in an artery and demonstrate the velocity of the pulse wave? Describe the mechanism of the circulation of the blood.

3. What are the functions of the spinal cord? Describe a transverse section of the cord in the dorsal region.

4. Describe the mechanism of "accommodation" in vision.

5. Describe the fœtal circulation.

6. Describe the mode of estimating the number of coloured corpuscles in the blood. What is the normal number per cubic millimetre?

7. Define Presbyopia, Astigmatism, and Hypermetropia, illustrating your answer by diagrams.

Note.—1. *Candidates for M.B. to answer questions* 1, 2, 3, *and* 5 *only.*

2. *Candidates for B.Sc. to answer questions* 1, 3, 4, 6, *and* 7 *only.*

3.—*THIRD PROFESSIONAL EXAMINATION.*

REGIONAL ANATOMY.

12*th April*, 1886.

1. Describe the position and relations of the submaxillary gland.

2. Describe the course and distribution of the following nerves:—the great occipital and the small sciatic.

3. Describe the distribution of vessels and nerves to the muscles arising from the scapula.

REGIONAL ANATOMY.

13th October, 1886.

1. Describe the relations of the thoracic duct in the different parts of its course.
2. Describe the peritoneal and other relations of the duodenum, and its arterial supply.
3. Describe the courses and relations of the trunks of the eighth and ninth cranial nerves after their exit from the skull.

MATERIA MEDICA.

12th July, 1886.

1. Give an account of Ipecacuanha, mentioning its therapeutical action, its preparations, and their doses.
2. How are Emetics classified? Give examples of each group, and state how their action is brought about.
3. Describe the physiological and therapeutical action of the salts of silver. Mention the officinal preparations of silver and their doses.
4. Write in unabbreviated Latin a prescription for an expectorant mixture.

MATERIA MEDICA AND THERAPEUTICS.

13th October, 1886.

1. Give an account of the "Cathartics," naming and classifying the principal members of the group, and describing the manner in which their action is brought about.
2. Distinguish between "Antiseptics," "Disinfectants," and "Deodorants." Name the principal drugs used in these capacities, and state how their effects are produced.
3. What are the general principles to be followed, and what drugs may be found useful, in the treatment of internal hemorrhages?
4. State in detail the physiological action of Ergot. What are the pharmacopœial preparations of the drug, and their doses?
5. Write in unabbreviated Latin a prescription for an expectorant (8 oz.) mixture, containing as ingredients, squill, ipecacuanha, hyoscyamus, and camphor water.

Four questions to be answered. Question No. 5 not optional.

4.—*FINAL PROFESSIONAL EXAMINATION.*

SURGERY.

July, 1885.

1. How do you distinguish between an inflamed and obstructed hernia, and what treatment do they respectively require?

2. What treatment should be employed in a case of incised wound of the abdominal cavity when the bowel protrudes and is wounded?

3. Describe the *early* symptoms of morbus coxarius, and give its pathology.

PRACTICE OF MEDICINE.

13*th July*, 1886.

1. What are the diseases of the Liver and Biliary apparatus usually accompanied by pain? Mention some of the diagnostic points to be kept in view in such cases, and select *one* such form of disease for more detailed description.

2. An area of abnormal dull percussion, limited in extent, is found in the front of the chest. Indicate the distinctive characters you would expect, and some of the leading associated symptoms and physical signs according as the dull percussion is due to: (*a*) tubercular disease in one or other lung; (*b*) aneurysm or mediastinal tumour; (*c*) causes in connection with the heart and pericardium.

3. Describe the clinical characters of a case of simple gastric ulcer (*i.e.* chronic, but not malignant). Indicate the prognosis; the probable *post-mortem* appearances in case of fatal termination; and the treatment: giving, in connection with this last, directions as to diet, regimen, prescriptions, etc.

4. A man, aged about 63 years, of whom no history could be got, was found lying on a road unconscious, deprived of motion, with his face flushed, and breathing somewhat stertorously. An ophthalmoscopic examination was made, and certain appearances, considered under the circumstances both important and characteristic, were noted. The urine was drawn off. An examination revealed the expected abnormal characters. He slowly recovered. In the course of a week it was observed that the knee-jerk was exaggerated, and that ankle clonus was present, in the right leg. A few months afterwards there was some rigidity in the same leg.

Complete the clinical history and the details, so far as not given above: indicating the diagnosis, with your views as to the probable pathology, and the structures or organs implicated.

Discuss also the treatment that might have been employed, both before and after the patient was found in the condition above described.

In answering the last two questions, prescriptions are to be given precisely as they would be written to be made up by a pharmaceutical chemist.

PATHOLOGY.

July, 1886.

1. What are the principal tumours of bone? Describe the minute structure and naked eye appearances of a myeloid sarcoma.

2. Describe the appearances visible in the brain and meninges in tubercular meningitis.

3. What is the usual condition of the kidneys in chronic Bright's disease, and what changes occur in other organs?

4. What is meant by pathogenic micro-organisms? How are they classified? Give an example from each principal group.

MIDWIFERY AND DISEASES OF WOMEN AND CHILDREN.

14*th July*, 1886.

1. Of what structures is the umbilical cord composed; (*a*) at the earliest period of its development, (*b*) after the third month?

2. What do you understand by "quickening"? At what period of gestation is it usually manifested; and to what extent is it to be admitted as a sign of pregnancy?

3. What is the second facial position? How does it commonly terminate; and, in the event of not so terminating, what dangers are likely to arise, and how may these be met?

4. What is the usual source of the discharge in uterine leucorrhœa? Mention some of the pathological conditions with which it is associated.

FORENSIC MEDICINE.

12*th July*, 1886.

1. Certain marks of violence being discovered upon a dead body withdrawn from the water, how might you arrive at a diagnosis,
   (*a*) Of suicidal drowning?
   (*b*) Of homicide and subsequent immersion?

2. Discuss the circumstances which tend to hasten or retard the various *post-mortem* changes occurring in the human body.

3. The dead body of a recently born child being given to you for examination, what appearances would indicate,
   (*a*) That the child had arrived at maturity?
   (*b*) That the child had been born alive?

4. Give the symptoms and appropriate treatment in a case of acute poisoning by oxalic acid, and describe the chemical analysis required for the detection of that poison in the contents of the stomach.

VI.—CLASS EXAMINATIONS.

MIDDLE HUMANITY.

First Examination, 4*th November*, 1887.

1. Decline in combination the singular of *pes alter*, *dies quaedam*, and the plural of *cornu felix*, *senex grandior*.

2. Write down the nominative and genitive plural masculine of the following:—*pulcher*, *tener*, *amans*, *duo*, *dives*, *memor*. Give the superlative of each.

3. Give the meaning, the gender, the declension, and the genitive singular of the following words:—*crus*, *ius*, *sus*, *artus*, *pelagus*, *anus*, *gigas*, *verna*, *iecur*, *magister*, *res*, *dos*.

4. Give the exact meaning of—*nusquam*, *quisquis*, *tot*, *quare*, *uter*, *eodem*, *illuc*, *ter*, *terni*, *tertius*, *triciens*, *tricesimus*.

5. Write down in tabular form—

(*a*) the 2nd sing. perf. indic. active,

(*b*) the 3rd sing. future indic. active,

(*c*) the 1st sing. pluperf. subj. passive,

(*d*) the future infin. passive of the following verbs:—*sero*, *domo*, *pingo*, *uro*, *suadeo*, *gaudeo*, *pario*, *domo*, *aperio*, *trado*, *ulciscor*, *queror*. State if any parts are wanting.

6. Translate into Latin:—

(*a*) Give me a little water.

(*b*) He struck his dog on the head with a stick ten feet long.

(*c*) I think that a live son is much better than a dead hero.

(*d*) Tell me why you prefer town to country, and when you are going to return to Rome.

(*e*) I would have spared his father gladly had not one of his sons insulted me in public.

IX.—VACATION EXERCISES, &c.

For 1887-88.

CLASSES OF ORIENTAL LANGUAGES.

Prizes are offered for Summer Readings :—

I. To Students of the Junior Hebrew Class of 1886-87.
  1. For an original composition in Hebrew.
  2. For the best profession in Hebrew Reading.

II. To Students of the Senior Hebrew Class of 1886-87.
  1. For a comparison of similar passages in the books of Amos and Deuteronomy.
  2. For an Essay on the Religion of Northern Israel as exhibited in the books of Amos and Hosea.

MATHEMATICAL CLASSES.

Prizes will be given in the Mathematical Classes for examinations to be held in November, 1887.

For Lower Junior, 1886-87.
  Hall and Knight's Algebra.
For Upper Junior, 1886-87.
  Lock's Elementary Trigonometry, Hamblin Smith's Geometrical Conics.
For Senior, 1886-87.
  Rice and Johnson's Differential Calculus (abridged); Johnson's Integral Calculus, first 150 pages.

MORAL PHILOSOPHY CLASS.

I. Open to Students of Session 1886-87.
  1. An Examination on Kant's Critiques of Pure and Practical Reason.
  2. An Examination on Aristotle's Psychology, Ethics, and Politics.

II. Open to Students of Session 1887-88.
  1. An Examination on Ferrier's Lectures on Greek Philosophy, pp. 1-266, and Zeller's Socrates and the Socratic School.
  2. An Examination on Plato's Republic (Jowett or Vaughan's Translation).

LOGIC CLASS.

VACATION ESSAYS AND READING.

I. *For Students of Session* 1886-87.

A.—ESSAYS.

1. Induction, its nature, principle, and methods.
2. The Philosophy of Descartes, and its place in history.

B.—READING.

1. *Institutes of Logic* (large and small print).
2. Descartes' *Method*, *Meditations* (English Translation of 1879 or subsequent editions), with the Introductory Essay.
3. Hamilton's Discussions, *Philosophy of the Unconditioned*, *Philosophy of Perception* and *Logic*, with Appendix I., Philosophical.

A student may take up one or more of the subjects prescribed. The Essay to be given in to the Professor on Thursday, 8th December, 1887, with sealed letter containing author's name and motto.

The Examination in reading will take place before Christmas.

II. For students who propose to join the Class for the first time in November, 1887, the following Reading is recommended, viz. :—Reid's *First Essay on the Intellectual Powers*, and *Institutes of Logic*, Part I., chapters i., ii., iii., iv., vi., vii., viii., ix., x., xi. (large print only).

Prizes will be given for examination in this department. The examination will take place early in November, 1887.

GREEK CLASSES.

VACATION EXERCISES.

I. Open to the Senior and Private Class of Session 1886-87.
   Translation into Greek prose—Grote, *History of Greece*, vol. viii. ch. lxiv., p. 279, "From what cause" . . . . to p. 281, "the security and happiness of all." To be sent in by November 12th, 1887.

II. Open to the Senior Class of Session 1887-88.
   1. Translation into Greek prose—Smith's *History of Greece*, ch. xxxvi., p. 429, §§ 11—12. "Their future route . . . . usually called the Araxes." To be sent in by November 12th, 1887.
   2. A written Examination on the Olynthiac Orations of Demosthenes. To be held in November, 1887. [Edition by G. Heslop, in *Catena Classicorum*, recommended.]

III. Open to the Middle Greek Class of Session 1887-88.
   1. Translation into Greek prose—*Introduction to Greek Prose Composition* (A. Sidgwick), exercises, xxvi.-xxxi. (pp. 119-122). To be sent in by November 12th, 1887.
   2. A written examination on Xenophon, *Anabasis* II., and Homer, *Iliad* VI. To be held in November, 1887.

HUMANITY CLASS.

Prizes will be given for Vacation Exercises as follows :—

I. Open to all students who shall enrol in the Senior Class of 1887-88, for the best Examination in the following subjects :—
  1. Livy XXI. (Capes).
  2. Horace, *Odes* I. ; Virgil, *Eclogues*.

II. Open to all members of the Junior Class 1886-87.
  1. Virgil, *Æneid* II., lines 1-402.
  2. Lee Warner's *Extracts from Livy*, Part I. (Clarendon Press).

III. For Latin Prose—Open to all members of the Senior Class, 1886-87.
  Steele's *Isaac Bickerstaff*, Cassell's National Library, No. 64, p. 50, from "On a sudden the trumpet," to p. 54, "a very brave man at the siege of Troy."

IV. For Latin Prose—Open to all students who shall enrol in the Senior Class, 1887-88.
  The Student's Rome, Book VI., cap. 51, from § 86, "The person who was mainly instrumental" down to end of § 10, "the ensigns of office."

The Examinations in the above subjects will be held early in November, 1887. The exercises must be sent in to the Professor on or before November 15th. Each exercise must bear a motto and be accompanied by an envelope bearing the same motto, with the writer's name inside, together with a statement that the exercise is his own unaided work.

CLASS OF BOTANY.

A Prize is offered to Students in the Class of Botany in Session 1888 for the best and approved Herbarium of Phanerogamous and Vascular Cryptogamous Plants, to be named after Hooker's "Students' Flora of the British Islands." The specimens must have been collected within *twenty* miles of Glasgow Bridge, or upon the islands of Arran and the Cumbraes, between 9th July, 1887, and 9th July, 1888, and must have affixed, in addition to the name, the date and locality of collection.

The Herbaria must be sent, addressed to the Professor of Botany, to the University of Glasgow, on or before 9th July, 1888, and with each a sealed note bearing a motto outside, and containing the name of the competitor, with a declaration that the plants in the collection have all been gathered by himself in the localities mentioned and within the period above stated, and that they have been named by him without assistance save that derived from books or Herbaria.

The collections must be accompanied by a numbered and arranged list of the plants contained in them.

X.—ABSTRACT OF THE PROCEEDINGS OF THE UNIVERSITY COURT.

21st September, 1886, to 23rd March, 1887.

The Court met on the 21st day of September, 1886. Present—The Principal (in the Chair); Dr. Dickson; Dr. Campbell, M.P.; Dr. M'Grigor; Mr. Crum, and Dr. Kirkwood.

A letter from the Clerk of Senate, of date 3rd May, was submitted intimating the appointment of Mr. Alexander Crum as Dean of Faculties for the ensuing year, and Mr. Crum accordingly took his seat as a Member of the Court.

It was reported that, as directed at last meeting, intimation had been made of the Court's approval of the Tutorial Classes and of the Lectures on Public Health, and also of the appointment to the Registrarship of the General Council.

It was also reported that the consent of the Chancellor had been obtained to the recognition of the lectures on Chemistry of Mr. A. Smithells.

An excerpt minute of Senate granting the privilege of Special Reader at the Library was submitted.

A letter was read from the Clerk to the General Council relative to an accompanying report on certain proposed new Chairs and Lectureships in the University, but the Court deferred consideration of the matter until a further report should be received from the Council with regard to financial arrangements.

Dr. M'Grigor and Dr. Kirkwood were re-appointed Managers of the Western Infirmary for the year commencing in November.

The Court proceeded to consider the vacancy in the John Elder Chair of Naval Architecture which had been advertised in the Glasgow and Edinburgh daily papers, in the "Times," the "Standard," and certain scientific papers. Applications for the Chair were submitted from five candidates, their testimonials having been previously sent to the members of the Court. After consideration of the various applications and testimonials, the Court appointed Mr. Philip Jenkins, Lloyd's Surveyor, London, to the vacant Chair, subject to the regulations laid down or to be laid down by the Senate, including the subjects pertaining to the province of the Chair, the length of the course of lectures, and the time and place of lecture. The Secretary was instructed to make intimation of the appointment.

The Court met on 3rd March, 1887. Present—The Principal (in the Chair); Dr. Dickson; Dr. M'Grigor; Mr. Crum, and Dr. Kirkwood.

There was read, approved, and signed by the members of the Court present a minute of date 7th January last, whereby the Court approved of (1) a course of practical instruction in Botany by Professor Bower, proposed in a letter from the Clerk of Senate of date 6th November, 1886, the fee for the course being fixed at two guineas; (2) a course of lectures on German Literature and Philology by Dr. Ernst Elster, proposed in a letter from the Clerk of Senate of date 23rd December, 1886, the fee for the course being fixed at one guinea; and (3) the appointment by Professor Jack of Mr. George Gibson, M.A., as his class assistant in Mathematics for one year from 1st October, 1886.

By the same minute the Court instructed the Secretary to forward to the Senate for their consideration and remarks (1) a Memorial from the Directors of the Glasgow Royal Infirmary to the Secretary for Scotland and the Lord Advocate regarding the School of Medicine in that Infirmary; and (2) a Representation from the General Council with reference to a proposed extension of University teaching.

By the same minute the Court, after having considered the applications and testimonials of the three applicants for the vacant Examinership in Mathematics, appointed Mr. J. M. Dodds to be Examiner in that subject for three years from 1st January, 1887.

It was reported that intimation had been made of the appointment of Mr. Jenkins to the Chair of Naval Architecture; that the representation from the General Council regarding the extension of University teaching had been transmitted to the Senate, and that intimation had been made of the appointment of Mr. Dodds as Examiner in Mathematics.

The Secretary submitted a letter from the Clerk of Senate, of date 6th November, 1886, transmitting the report upon the University Library. There were also submitted several excerpt minutes of Senate granting the privilege of special reader at the library.

It was reported that applications had been received from Professors Mackellar, Thomas and Brown, of University College, Auckland, for recognition of their lectures on Anatomy, on Botany and Zoology, and on Chemistry, and that the report received from the Senate on the applications had been transmitted to the Principal of the University College, Auckland. The report recommended that further and more exact information should be required before the recognition applied for be granted.

A letter from the Clerk of Senate in regard to the offices of Examiner in Botany and Zoology was submitted, recommending that, instead of appointing a single Examiner to examine in both Botany and Zoology, in place of the one whose term of office is about to expire, there should be appointed one Examiner specially qualified to examine in Botany, and another specially qualified to examine in Zoology, and that the remuneration should be fixed at £30 to each, instead of £40 now paid to the one acting in both subjects. The Court approved of these recommendations, and fixed the remuneration as suggested. The Court also resolved to increase the remuneration of the Examiners in Chemistry and Materia Medica from £20 to £30 per annum.

In view of vacancies about to occur in the Medical Examinerships, it was reported that these vacancies had been advertised, and that candidates had been invited to send in applications for the office of Examiner in each of the following subjects, viz., Botany, Zoology, Chemistry, and Materia Medica.

The Court minuted their approval of a tutorial class in Mathematics, to be taught by Mr. John Dougall, M.A., and of vacation classes in Philosophy, to be taught by Mr. R. M. Wenley, M.A., and fixed the fee for these classes. The Court also approved of the appointment of Mr. William Snodgrass, M.A., M.B., as Muirhead Demonstrator in Physiology for the year beginning 1st May, 1887.

The Court proceeded to consider a memorial from the Managers of the Glasgow Royal Infirmary to the Secretary for Scotland and the Lord Advocate praying "that, in any legislation which may be passed relating to the Scottish Universities, provision may be made for erecting the Medical School of the Glasgow Royal Infirmary into a College of Glasgow University." This memorial had been forwarded, in accordance with the minute of the Court of date 7th January last, to the Senate for their observations, and the Secretary now submitted the remarks which had been received from the Senate. The Court, after deliberation, adjusted an answer to the memorial stating objections to the scheme put forward by the Managers in its present form. The Secretary was directed to forward copies of the answer to the Secretary for Scotland, the Lord Advocate, the Secretary to the Royal Infirmary, and the Senate.

The Court met on 23rd March, 1887. Present—The Principal (in the chair), Dr. Dickson, Dr. M'Grigor, Dr. King, and Mr. Crum.

A letter from the Earl of Stair, Chancellor of the University, appointing James King, Esq., LL.D., of Campsie, his Assessor, was read, and Mr. King accordingly took his seat as a member of the Court.

It was reported that the approval of the Court of the tutorial classes in Mathematics and Philosophy and of the appointment of Mr. William Snodgrass as Muirhead Demonstrator had been intimated to the Senate. It was also reported that copies of the observations of the Court on the memorial by the Managers of the Glasgow Royal Infirmary had been sent to the Secretary for Scotland, the Lord Advocate, the Secretary to the Royal Infirmary, and the Senate.

An excerpt minute of Senate granting the privilege of special reader at the library was submitted.

A letter from the Clerk of Senate was read, transmitting an excerpt minute of Senate regarding the representation from the General Council on the subject of the extension of University teaching. The minute bore that the Senate approved generally of the scheme for lectures on University subjects, and recommended the Court to remit to the Senate to constitute a Board, whose province it should be to select lecturers from among graduates of this University or of other Universities, to determine the subjects of lecture, and to make all other necessary arrangements—in all cases subject to the approval of the Senate. The Senate also recommended that the Board should consist of Professors, Graduates, and others interested in education, and that women should be eligible for membership. The Senate further expressed the opinion that University certificates should not be given for examinations on work done in connection with courses under this scheme, but that the Lecturers should be authorized to give certificates in accordance with the results of such examinations. The Court approved generally of the scheme for the extension of University teaching, and of the manner in which the Senate proposed to carry out the recommendations contained in the representation of the General Council, and agreed to remit the matter to the Senate. The Court further directed that this resolution should be intimated to the Senate, and that a copy of the same, with excerpt minute of Senate, should be sent to the General Council for their information.

The Court having carefully considered the applications sent in for the four vacant Examinerships in Medicine—namely, nineteen for the office of Examiner in Materia Medica, eleven for that of Examiner in Chemistry, six for that of Examiner in Botany, and five for that of Examiner in Zoology—appointed the following gentlemen to be Examiners in Medicine for four years, from 31st March, 1887, viz., Dr. William Whitla, Belfast, with special reference to Materia Medica; Professor James J. Dobbie, M.A., D.Sc., Bangor, with special reference to Chemistry; Mr. George Murray, of the British Museum, London, with special reference to Botany; and Mr. R. F. C. Leith, M.A., B.Sc., M.B., Edinburgh, with special reference to Zoology. Instructions were given that these appointments should be intimated to the successful candidates, the Senate, and the Exchequer.

XI.—FINANCIAL STATEMENT OF THE UNIVERSITY FOR THE YEAR 1885-86.

Annual Salaries (exclusive of Class Fees) attached to office of Principal, and to the Professorships, Assistantships, Lectureships, and Examinerships in the University, by Ordinance of the Universities Commissioners and Deeds of Foundation.

PRINCIPAL.

Salary,	£981 14 9

FACULTY OF ARTS.

	Salaries of Professors.	Salaries of Assistants.	Allowances for Class Expenses.
Logic,	£286 11 2	......	......
Moral Philosophy,	298 12 4	......	......
Natural Philosophy,	316 16 8	£231 12 5	£100 0 0
Greek,	289 8 11	100 0 0	......
Humanity,	289 8 11	100 0 0	......
Mathematics,	309 10 0	100 0 0	......
Astronomy,	299 8 8	......	......
Civil Engineering,	494 7 6	147 0 0	......
English Literature,	200 0 0	......	......
Naval Architecture,	487 10 0	......	......
	£3,271 14 2	£678 12 5	£100 0 0

FACULTY OF THEOLOGY.

Divinity,	£404 1 3	......	......
Oriental Languages,	300 0 0	......	......
Ecclesiastical History,	340 15 4	......	......
Biblical Criticism,	517 1 2	......	......
	£1,561 17 9		

FACULTY OF LAW.

Law,	£310 0 0	......	......
Conveyancing,	105 0 0	......	......
	£415 0 0		

FACULTY OF MEDICINE.

	Salaries of Professors.	Salaries of Assistants.	Allowances for Class Expenses.
Medicine,	£270 0 0	......	......
Anatomy,	250 0 0	......	£200 0 0
Natural History,	209 16 3	......	......
Surgery,	100 0 0	......	......
Midwifery,	100 0 0	......	......
Chemistry,	200 0 0	£200 0 0	70 0 0
Botany,	227 6 3	......	......
Materia Medica,	100 0 0	25 0 0	50 0 0
Institutes of Medicine,	150 0 0	104 13 6	.....
Forensic Medicine,	100 0 0	25 0 0	35 0 0
Clinical Surgery,	109 15 7	......	......
Clinical Medicine,	109 15 6	......	......
	£1,926 13 7	£354 13 6	£355 0 0

LECTURERS.

Waltonian,	£94 0 0
Honyman-Gillespie.*	

ADDITIONAL EXAMINERS FOR DEGREES, &c.

Three in Arts at £80,	£240 0 0
Six in Medicine at £40,	240 0 0
Two in Medicine at £20 and one at £25,	65 0 0
Three in Law at £21,	63 0 0
Three Extra Examiners in Arts,	100 0 0
Two Entrance Examiners,	30 0 0
	£738 0 0

SUMMARY.

The Principal,	£981 14 9
Arts Chairs,	3,271 14 2
,, Assistants,	678 12 5
,, Class Expenses,	100 0 0
Divinity Chairs,	1,561 17 9
Law Chairs,	415 0 0
Medical Chairs,	1,926 13 7
,, Assistants,	354 13 6
,, Class Expenses,	355 0 0
Lecturers,	94 0 0
Examiners in Arts, Medicine, and Law,	738 0 0
	£10,477 6 2

NOTE.—To the Principalship and each of the Chairs founded before 1800 an official residence is attached, and also some small allowances for Taxes, Lighting, House Repairs, &c., amounting in all to about £18.

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* This endowment is administered by Trustees.

STATEMENT OF THE INCOME AND EXPENDITURE OF THE UNIVERSITY FOR THE YEAR 1884-85.

The College Revenue is derived—(*a*) From Teinds—arising from grants—by James, Archbishop of Glasgow, in 1557; by James VI., in 1577 and 1618; by Charles I., in 1630; by Charles II., in 1664 and 1670. (*b*) From Feu-Duties, etc., of lands granted by James, Lord Hamilton, in 1459; William and Thomas Arthurlie, 1466; Queen Mary, 1563; of the lands, etc., of the Friars Preachers, granted by Queen Mary in 1566 to the Town for pious uses, and conveyed by the Town, under Act of Scottish Parliament in 1572, to the College; and from other ancient foundations. (*c*) From proceeds of investments of the surplus rents of the Archbishoprick of Glasgow, from 1694 to 1839. The lease of the Archbishoprick was granted first by William III., in 1690, for nineteen years, for payment of the then debts of the University, and other University purposes. The lease was renewed by successive sovereigns till 1825, when £100 per annum from the Archbishoprick was added to the salary of the Regius Professor of Botany; and £800 per annum was granted for general University purposes till 1839. In 1841 the Crown applied the £800 per annum to salaries for certain chairs in the patronage of the Crown. (*d*) From proceeds of investments from time to time of the annual surplus of income over expenditure.

The gross revenue derived from these sources amounted in 1885-86 to £9,621 0s. 11d. But out of this were paid Ministers' Stipends (£1,564 9s. 11d.), Taxes, Public Burthens, etc. (£696 16s. 8½d.), leaving nett income £7,359 14s. 3½d., of which £3,703 2s. 10d. has been allocated at various times from 1577 to 1817 to salaries of Principal and Professors, and the balance of £3,656 11s. 5½d. is transferred (under Ordinance 22) to the General University Fund as stated below.

INCOME OF THE UNIVERSITY DESTINED BY DEED, STATUTE, OR ORDINANCE.

1. For Salaries of Principal, Professors, and Lecturers:—

(1.) Teinds and Endowments under Charters of James VI., Charles I., and Charles II., etc., as stated above, . .	£3,703	2	10
(2.) Grants of William III., Queen Anne, Geo. I. and Geo. II.,	593	6	8
(3.) Parliamentary Grants, 1807 to 1818, for Foundation of Regius Chairs of Natural History, Surgery, Midwifery, and Botany, . .	300	0	0
(4.) From the Archbishoprick of Glasgow for Regius Chair of Botany, 1825, . . .	100	0	0
Carry forward, . . .	£4,696	9	6

	£	s.	d.	£	s.	d.
Brought forward, . . .	£4,696	9	6			
(5.) Parliamentary Grant (1841), in lieu of King William's Lease of the Archbishoprick of Glasgow, allocated to certain Regius Chairs, . . .	800	0	0			
(6.) Parliamentary Grants under the Financial Ordinance (No. 22) of the Universities Commission, . . .	675	0	0			
(7.) Half Deanery of Chapel Royal (Chair of Bib. Crit.),	*370	1	2			
(8.) Foundation of Conveyancing Chair, paid yearly by Faculty of Procurators, .	105	0	0			
(9.) Yates (Shuna) Fund, . .	70	0	0			
(10.) M‘Turk's Foundation, . .	17	19	10			
(11.) John Elder Foundations, .	706	17	6			
(12.) A recent Foundation, . .	49	1	2			
(13.) Foundation of Clinical Surgery Chair, . . .	109	15	7			
(14.) Foundation of Clinical Medicine Chair, ...	109	15	6			
(15.) Grant from the Treasury for Augmentation of Principal's Salary, ...	300	0	0			
(16.) The Black Bequest (Chair of Biblical Criticism), . .	*147	0	0			
(17.) Waltonian Lectureship, .	94	0	0	£8,251	0	3
II. For Class Assistants and Class Expenses :—						
(1.) From General University Fund for the Chairs of Natural Philosophy, Anatomy, Chemistry, Materia Medica, and Forensic Medicine, under Ordinance 22, . .	£455	0	0			
(2.) From Parliamentary Grant for Class Assistants, under Ordinance 22, . . .	650	0	0			
(3.) From the Black Bequest for the "Young" Assistant, .	147	0	0			
(4.) From the Arnott and Thomson Demonstratorship Fund, .	131	12	5			
(5.) From the Muirhead Demonstratorship Fund, . .	104	13	6	1,488	5	11
Carry forward, ...				£9,739	6	2

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* Exclusive of Income Tax.

Brought forward,		£9,739 6 2
III. For Non-Professorial Examiners:—		
(1.) From Parliamentary Grants, under Ordinances 14 and 15,	£480 0 0	
(2.) From General University Fund,	208 0 0	
(3.) From Foundations,	50 0 0	
		738 0 0
Total Income destined to Maintenance of Teaching Staff, as above,		£10,477 6 2
Total Disposable Income (£10,543 4s. 5½d.) as below, less £455 for Class Assistants and Class Expenses charged below against General University Fund,		10,088 4 5½
Total University Income,		£20,565 10 7½

INCOME AND EXPENDITURE OF GENERAL UNIVERSITY FUND, 1885-86.

Income.

1. Balance of Revenue from Teinds, etc., under Charters of James VI. and Charles I., and Capitalized Savings, as stated p. 345,	£3,656 11 5½
2. Matriculation Fees,	2,177 10 0
3. Graduation and Examination Fees,	3,651 3 6
4. Library Subscriptions,	72 19 6
5. General Council Registration Fees,	228 0 0
6. Government Compensation for Stationers' Hall Privilege,	707 0 0
7. Income of Legacies for Library,	50 0 0
	£10,543 4 5½

Expenditure.

I. *University Court and Senate—*		
1. Clerk of Senate,	£105 0 0	
2. Assistant Clerks and Outlays,	307 18 8	
		£412 18 8
II. *General Council—*		
Registration, etc.,		177 18 3
Carry forward,		£590 16 11

Brought forward,		£590 16 11
III. *Business, etc.*—		
1. Factor's Salary and Outlays,	£456 15 11	
2. Law Agents' Accounts,	11 6 6	
3. Auditor,	28 0 0	
		496 2 5
IV. *Libraries*—		
1. Librarians' Salaries,	£617 0 11	
2. To Account of New Catalogue,	24 18 3	
3. Books and Binding,	887 0 0	
4. Stationery, etc.,	10 0 0	
6. Divinity Hall Library,	45 9 0	
		1,584 8 2
V. *Hunterian Museum,*		317 7 9
VI. *Observatory,*		235 0 7
VII. *Buildings*—		
1. Repairs,	£636 4 10	
2. Lighting,	226 19 5	
3. Heating and Ventilating,	554 11 4	
4. Water,	143 8 2	
5. Insurance,	233 5 0	
		1,794 8 9
VIII. *Service, Cleaning, and Maintenance of Grounds,*		1,135 10 4
IX. *Class Assistants and Class Expenses*—		
1. Allocated by Commissioners' Ordinance,	£455 0 0	
2. Allowed in other Classes,	61 5 0	
	£516 5 0	
Not expended,	10 17 6	
		505 7 6
X. *Printing and Advertising*—		
1. Printer's Accounts,	£276 4 10½	
2. Newspaper Accounts,	245 18 7	
		522 3 5½
XI. *Prizes and Medals,*		199 10 10
XII. *Compensation for Graduation Fees under Commissioners' Ordinance,*		50 0 0
XIII. *Pensions and Gratuity,*		205 15 6
XIV. *Contribution to Glasgow Police,*		21 0 0
XV. *Miscellaneous,*		28 4 0
XVI. *Law Examiners,*		63 0 0
Carry forward,		£7,748 16 2½

	Brought forward,	£7,748	16	2
XVII.	*Medical Examiners*,	65	0	0
XVIII.	*Extra Examiners* (Share),	50	0	0
XIX.	*Entrance Examiners*,	30	0	0
XX.	*Expenses of Deputations*.	9	0	0
XXI.	*Interest on Loan* (£24,000) *from late Mr. Randolph's Trust*,	1,200	0	0
XXII.	*Chapel*,	69	8	6½
	Total General Fund Expenditure.	£9,172	4	9
	Surplus,	1,370	19	8½
	Together, equal to Income,	£10,543	4	5½

INCOME OF TRUST FUNDS FOR BURSARIES, SCHOLARSHIPS, AND PRIZES.

1.	From Capital Funds in charge of the Senate,	£6,917	12	0
2.	From Estate managed by Balliol College, Oxford—5 Exhibitions, at £80,	400	0	0
3.	From Funds in the hands of the Town Council, Merchants' House, and Trustees, about	2,915	0	0
		£10,232	12	0

APPENDIX—I.

REGISTER OF MEMBERS

OF

THE GENERAL COUNCIL

FOR THE YEAR COMMENCING 1st JANUARY, 1887.

N.B.—Members of the General Council are requested to intimate to the Registrar any change of designation or of permanent address. Representatives of deceased Members are also requested to make intimation to the Registrar, in order that the names of such Members may be removed from the Register.

Abbot, R. T., M.D., Bray, Co. Wicklow
Abercromby, R., M.A., minister, Norwich
Acworth, W., M.A., minister, South Stoke
Adam, Alex., M.B., Glasgow
Adam, Basil J., M.B., 3 W. Garden St., Glasgow
Adam, David S., M.A., B.D., prob., Langside
Adam, Hector M., M.A., minister, Aberdeen
Adam, James, M.A., student, Stirling
Adam, James A., M.A., student, Glasgow
Adam, John, D.D., minister, Hillhead, Glasgow
Adam, John M., M.B., Port Bannatyne
Adam, Robert H., M.A., student, Paisley
Adam, Thomas, M.A., student, Cumbernauld
Adam, Thomas B., M.D., Langside
Adam, William, teacher, Glasgow
Adam, William John, M.B., Hillhead, Glasgow
Adam, William T., M.B., Workington
Adams, James A., M.D., Glasgow
Adams, John, M.A., student, Aberdeen
Adams, John, M.A., stud., 4 Allan St., Aberdeen
Adams, William S., M.D., Jersey
Adamson, James, M.D., Hetton-le-Hole
Adamson, James, M.A., student, Cupar
Adamson, J. G., M.D., Lurgan, Armagh
Adamson, W. F., M.A., minister, Galashiels
Addie, John, M.A., student, Glasgow
Affleck, John, M.A., D.Sc., Ayr
Agnew, David, M.D., Glasgow
Agnew, J. M., minister, Auchmithie, Arbroath
Aiken, James, M.A., writer, Dalmoak
Aiken, J. B., M.A., writer, Dalmoak
Aikman, Charles Brown, writer, Glasgow
Aikman, Charles M., M.A., student, Partick
Aikman, John, M.D., Guernsey
Aird, Alex. W., M.B., Galston
Aird, Hugh, M.A., minister, Brechin
Aitken, David, M.A., teacher, Paisley
Aitken, James Macall, M.D., Kilmarnock
Aitken, John, M.D., Govan
Aitken, John, M.D., Buckhaven
Aitken, Pat. H., M.A., B.D., min., Kilmarnock
Aitken, R., B.L., writer, New Kilpatrick
Aitken, Robert Easton, C.A., Glasgow
Aitken, W. B., M.B., Carsehead, Dalry
Aiton, Thomas, B.A., minister, Livingston
Aiton, W., B.L., law agent, Glasgow
Alcock, Abraham, M.D., Dunmore, Waterford
Alexander, Andrew, M.A., surgeon, Berwick
Alexander, Arch., M.A., min., Spittal, Berwick
Alexander, A., B.D., M.A., minister, Langbank
Alexander, Archibald S., M.B., Glasgow
Alexander, John, M.A., minister, Partick
Alexander, John, M.A., student, Birkenhead
Alexander, J. B., M.A., min., Hawaiian Islands
Alexander, Peter, M.A., teacher, Glasgow
Alexander, Robert, minister, Dunfermline
Alexander, R., M.A., teacher, Glasgow
Alexander, Samuel, M.D., Glasgow
Alexander, Samuel P., M.B., Glasgow
Alexander, T. G., M.B., Glasgow
Alexander, William, M.D., Dundonald
Alexander, W. M., M.A., student, Glasgow
Alison, Sir A., Bart., LL.D., K.C.B., lt.-gen., Hants
Alison, Archibald, minister, Prestwick
Alison, Arthur, advocate, Edinburgh
Alison, George, minister, Kilbarchan
Alison, John, M.A., minister, Edinburgh
Alison, Samuel S., M.A., minister, Belfast
Allan, Arthur, M.A., student, Manse, Fairlie
Allan, G. F., M.A., LL.B., writer, Hillhead
Allan, George R., B.A., M.D., Glasgow
Allan, Henry, M.A., student, Glasgow
Allan, James Paul, M.D., Renfrew
Allan, James W., M.B., Glasgow
Allan, John, minister, Ayr
Allan, John, M.B., Alyth
Allan, J., M.A., surveyor of taxes, Hamilton
Allan, Robert, M.B., Ardrossan
Allan, William, M.B., Langlands House, Govan
Allan, William, M.A., student, Glasgow
Allan, W., M.B., Cramlington, Northumberland
Allan, W. C., M.B., Montrose
Allardice, John, M.A., teacher, Lerwick
Allen, Charles, M.A., minister, Convoy

Allen, Robert A., M.D., Chatham
Allen, William B., M.B., Glasgow
Allison, Alexander, M.D., Loanhead
Allison, James, minister, Alexandria
Allnatt, R. H., M.D., Hereford
Almond, Hely H., LL.D., Musselburgh
Alpine, G., M.A., B.D., minister, Dumbarton
Alston, Andrew, minister, Carluke
Alston, James M., M.D., Airdrie
Anderson, A., M.A., student, Carlisle
Anderson, Alexander M., M.D., Dundee
Anderson, A. R., M.A., teacher, Edinburgh
Anderson, David, minister, Ceres, Fife
Anderson, F., M.A., minister, Glasgow
Anderson, F. F., M.A., minister, Whithorn
Anderson, G., M.B., Stockton-on-Tees
Anderson, George, minister, New Cumnock
Anderson, G., M.A., B.D., minister, Bothkennar
Anderson, Henry, minister, Partick
Anderson, H., M.B., Billinge, Wigan
Anderson, H. S., M.A., student, Kilmaurs
Anderson, Jas., M.B., Poulton-le-Fylde, Lancashire
Anderson, J. F., M.A., writer, Glasgow
Anderson, James H., manufacturer, London
Anderson, James Rae, M.D., Canonbie
Anderson, James W., M.D., Glasgow
Anderson, John, M.A., minister, Falkirk
Anderson, J., B.D., minister, Hillhead, Glasgow
Anderson, John, M.D., London, S.E.
Anderson, J. B. M., M.A., student, Glasgow
Anderson, J. W., M.A., M.B., Barrow-in-Furness
Anderson, J. Wilson, M.A., writer, Paisley
Anderson, Jonathan, writer, Glasgow
Anderson, M. S., M.A., M.B., Kilbirnie
Anderson, Robert, D.D., minister, Glasgow
Anderson, Robert, minister, Kilsyth
Anderson, Robt. C., M.A., stud., New Kilpatrick
Anderson, Robert H., manufacturer, London
Anderson, R. S. G., M.A., B.D., prob., Glasgow
Anderson, Thomas A., writer, Glasgow
Anderson, T. M'Call, M.D., professor, Glasgow
Anderson, William, M.A., student, Glasgow
Anderson, William, minister, Fettercairn
Anderson, William, J.P., Edinburgh
Anderson, William, minister, Boyndie, Banff
Anderson, William, minister, Cults
Anderson, W. H., M.B., Harleston, Suffolk
Anderson, William S., M.D., Chapel-en-le-Frith
Anderton, G. L., M.D., Douglas, Isle of Man
Andrew, Alexander, M.A., student, Paisley
Andrew, Alexander, minister, Glasgow
Andrew, Robert, M.A., student, Paisley
Andrew, R., M.A., B.D., minister, Glengarnock
Andrew, W. S., M.A., student, Bo'ness
Angus, Robert, missionary, Chryston
Annan, Archibald J., B.L., writer, Glasgow
Appleton, Henry, M.D., Pateley Bridges
Arbuckle, John H., M.D., Kilmarnock
Armour, Andrew, M.D., Redhouse, Crook
Armour, Matthew, minister, Sanday
Armstrong, G. C., M.D., Blackrock, Dublin
Armstrong, W. A. A., M.A., minister, Hastings
Arnot, Thomas, writer, Glasgow
Arnott, James, M.D., Edinburgh
Arrol, C., M.D., Bankstown, Sheerness
Arthur, Adam Niven, teacher, Dunoon
Arthur, David, minister, Aberdeen
Arthur, David, M.B., New Galloway
Arthur, D. F., minister, Banchory-Devenick
Arthur, Hugh, M.B., Airdrie
Arthur, James, minister, Springburn
Arthur, James, M.A., teacher, Dunoon
Arthur, John Findlay, M.D., New Cumnock
Arthur, Patrick, M.D., Lambourne
Arthur, W., M.D., Mirfield, Yorkshire
Ashcroft, F., M.A., student, Partick
Ashcroft, Hugh, M.A., student, Partick
Asher, Asher, M.D., London, W.
Atkinson, J.P., M.D., Saffron, Walden
Auld, A. G., M.D., Thurso
Auld, Charles, M.D., Greenock
Auld, Charles, M.D., Kilwinning
Auld, W., M.A., B.D., minister, Carnock
Austin, R., M.D., Ranelagh, Dublin

Baltie, William, M.B., Dumbarton
Badenoch, G. Roy, minister, Lee, Kent
Bailey, William E., M.B., Stockport
Bain, Archibald W., M.A., teacher, Kirkcaldy
Bain, James, minister, Glasgow
Bain, James A., M.A., student, Glasgow
Bain, Joseph, writer, London, S.W.
Bain, Robert, M.A., student, Glasgow
Bain, R. W. K., M.A., student, Aberdeen
Bain, William, M.A., M.D., Patterdale
Bainbrigge, W. P. Y., M.B., Droitwich
Baird, And., M.A., stu., Calderbank, nr. Airdrie
Baird, Hugh, minister, Cumbernauld
Baird, John, M.A., B.D., minister, Helensburgh
Baird, John, M.B., Hillhead, Glasgow
Baird, Robert, writer, London
Baird, Samuel J., M.B., Londonderry
Baird, William James, M.D., North Shields
Baker, John C., M.D., Liverpool
Balbirnie, John, M.A., M.D., Sheffield
Balderston, J. C., minister, West Kilbride
Balfour, David D., sheriff-substitute, Glasgow
Ballantine, James, M.D., Catrine
Ballantine, Robert, M.D., Girvan
Ballantyne, James T., M.B., Over Darwen
Ballantyne, William, minister, London
Balloch, Robert, merchant, Glasgow
Bamber, H., M.B., Hammersmith, London, N.
Bamber, W. R., M.A., minister, Salford
Bankhead, W. T., M.A., minister, North Shields
Bankier, Alex. M., M.B., Crewe
Bankier, G. S. H., M.D., Ashton-under-Lyne
Bankier, P. M., M.A., student, Canada
Banks, Alex., M.A., minister, Carnwath
Banks, Chas., M.B., 5 Walworth ter., Glasgow
Banks, John, M.B., Dunoon
Bannatyne, A., M.A., minister, Manchester
Bannatyne, D. J., writer, New Jersey
Bannatyne, John, minister, Takaka, N.Z.
Bannatyne, Mark, writer, Glasgow
Bannerman, C., M.A., student, Langside
Bannerman, G. G., M.B., Pollokshields
Barber, Wm., M.A., student, Edinburgh
Barbour, George Freeland, Edinburgh
Barbour, James M., M.B., Glasgow
Barbour, John B., M.B., Fever Hospital, London
Barclay, Arthur, M.B., Netley
Barclay, James, M.A., minister, Edinburgh
Barclay, J., M.A., D.D., minister, Toronto
Barclay, Thomas, M.A., minister, Glasgow
Barclay, James, M.A., LL.B., Glasgow

Barclay, T., M.A., advocate, Edinburgh
Barker, Alex. E., M.A., LL.B., student, Glasgow
Barker, H. M., LL.D., teacher, Glasgow
Barlas, Alex. R., M.A., Civil Service, Dublin
Barnett, John, minister, Lochalsh
Barnett, J., M.A., minister, Moneymore
Barnhill, James, M.A., Glasgow
Barr, Alexander, minister, Airdrie
Barr, A., B.Sc., C.E., professor, Leeds
Barr, James, preacher, Maryhill
Barr, James, M.D., Everton, Liverpool
Barr, James, M.A., student, Kilmarnock
Barr, James B., M.B., Port-Glasgow
Barr, John, surgeon, Rishton
Barr, Patrick, B.L., writer, Glasgow
Barr, Thomas, M.D., Glasgow
Barras, William, minister, Glasgow
Barrie, John, M.D., Crosshill, Glasgow
Barrie, Wm. R., minister, Longframlington
Barry, J. C., M.A., student, Lochmaben
Bartholomew, R., merchant, Glasgow
Bathgate, W., M.A., H.M.I.S., Glasgow
Battersby, John George, M.D., Lismore
Baxter, Colin, M.B., Bannockburn
Baxter, John C., D.D., minister, Kirkcaldy
Bayne, Alexander, minister, Tingwall
Baynes, Joseph, M.B., Manchester
Beatson, H., minister, Hillhead, Glasgow
Beattie, Robert M., M.B., 10 Carrington st., Glas.
Beck, John Wood, M.D., Belfast
Beckett, Alex., M.D., Moneymore
Beckett, C. E., M.A., student, Hillhead, Glasgow
Beckett, John, M.D., Crosshill, Glasgow
Beckett, William, minister, Glasgow
Beckett, Wm., M.A., writer, Glasgow
Begg, Bruce B., M.A., minister, Kirkcaldy
Begg, Robert, M.A., student, Glasgow
Begg, William, D.D., minister, Falkirk
Beggs, John, M.D., Reedsmouth
Beith, Alex., D.D., minister, Stirling
Beith, Robert, M.B., Glasgow
Bell, Andrew B., advocate, Edinburgh
Bell, Andrew L., M.B., Dunfermline
Bell, Charles, M.D., Edinburgh
Bell, Charles W., M.B., Glasgow
Bell, David, M.D., Goole, Yorkshire
Bell, Henry W., M.A., minister, Aberdeen
Bell, George T., student, Kirn
Bell, John P., M.D., Hull
Bell, Robert, M.D., Glasgow
Bell, Thomas, minister, Edinburgh
Bell, Walter, writer, Glasgow
Bell, William, M.D., Preston
Bell, William, M.A., M.D., Garstang
Bennett, Samuel, M.D., Bruff, c. Limerick
Bennie, James, M.D., Glasgow
Bennie, J. N., LL.D., clergyman, Leicester
Bennie, Robert, M.A., minister, Greenock
Bennie, William, minister, Bathgate
Beresford R., de la Poer, M.D., Oswestry
Berry, H. L., M.A., minister, Hampstead
Berry, James, minister, Bucklyvie
Berry, R., M.A., LL.D., Sheriff of L'kshire, Glas.
Bethune, John, minister, Kinross
Beveridge, John, M.A., B.D., minister, Stow
Beveridge, J., M.B., Kilmarnock
Beveridge, R. E., M.B., Dunfermline
Biggart, Samuel, M.D., West Hartlepool
Biggar, David, M.D., Portadown
Biggar, J. W., M.A., teacher, Polmont
Biggs, Solomon R., M.D., Seacombe
Binnie, David D., M.A., student, Glasgow
Binnie, R. M. G., M.D., Brandon, Durham
Binnie, W., M.A., D.D., professor, Aberdeen
Binnie, Wm., M.A., student, Airdrie
Birchall, Thomas B., M.B., Croydon
Birkmire, Archibald, minister, Glasgow
Bishop, J. C., LL.B., student, Coatbridge
Black, Andrew, minister, Cambridge
Black, Christopher S., M.D., Belfast
Black, Donald Campbell, M.D., Glasgow
Black, Eben. S., M.A., writer, Wigtown
Black, George, M.B., Luing, Easdale
Black, James, M.A., minister, Stockport
Black, J. M., M.A., advocate, Edinburgh
Black, John, minister, London, E.C.
Black, John, minister, New Castleton
Black, Malcolm, M.B., Glasgow
Black, Robert, M.A., minister, Cambridge
Black, Robert, M.A., minister, Kilsyth
Black, William, town clerk, Stranraer
Black, W. H., M.A., student, Greenock
Black, W. P. M., B.L., student, Kilsyth
Blackburn, H., M.A., ex-pr., Roshven
Blackie, W. G., LL.D., publisher, Glasgow
Blackie, W. W., B.Sc., publisher, Glasgow
Blackwood, T., M.A., student, Lesmahagow
Blaine, B., M.B., Glasgow, W.
Blair, Archibald W., M.A., student, Glasgow
Blair, Charles P., M.A., minister, Wanlochhead
Blair, David, M.D., Benvan, Glencoe
Blair, Hugh, M.A., minister, Killeygordon
Blair, John, minister, Straiton, Maybole
Blair, John F., B.D., prob., 573 Duke st., Glas.
Blair, R., M.A., minister, Cambuslang
Blair, Robert, M.D., Lenzie
Blair, S., minister, Dalry, Castle-Douglas
Blair, William, M.D., Jedburgh
Blake, B., B.D., minister, Clydebank
Blakely, W. T., M.B., Kirkintilloch
Bleckley, John, M.A., minister, Monaghan
Blelloch, Archibald, minister, Edinburgh
Bleloch, David, minister, Hampstead
Blyth, David, M.B., Balfron
Blyth, James, M.A., minister, Alnwick
Blyth, John, B.L., student, Glasgow
Blyth, J. G., LL.B., barrister, Auckland, N.Z.
Boag, John S., M.A., student, Greenock
Bogle, Andrew, minister, Callander
Bogue, J., M.A., minister, Stockton-on-Tees
Bolland, Edward H., M.D., Dublin
Bonallo, David, minister, Blackford
Bonar, J., M.A., LL.D., C. S. Examiner, London
Bonar, Thomas Y., M.A., student, Glasgow
Bonnar, John, M.A., student, East Kilbride
Bond, John, M.B., Liverpool
Bond, William James, M.B., Brill, Bucks
Booth, John, M.B., Oswaldtwistle
Borland, David, M.A., minister, Neilston
Borland, John, M.B., Glasgow
Borland, John, M.D., Kilmarnock
Bossy, Francis, M.D., Redhill, Surrey
Bowie, James, minister, Craig, Dunscore
Bowie, Thomas, M.B., Coatbridge
Bowman, Archibald, minister, Forglen
Boxwell, F., M.D., Butlerstown Castle

Boxwell, Henry H., M.D., Wexford
Boyd, A., major, St. Andrews
Boyd, A. K. H., D.D., minister, St. Andrews
Boyd, J. D., M.B., Sandhurst, Australia
Boyd, J., M.A., principal, Broughton, Manchester
Boyd, James, writer, Glasgow
Boyd, James, M.A., minister, London, N.
Boyd, J. C., M.A., student, Helensburgh
Boyd, J., M.A., D.D., minister, Campbeltown
Boyd, J., M.A., minister, Wemyss Bay
Boyd, Robert, B.L., solicitor, Irvine
Boyd, Robert M., M.A., minister, Fordoun
Boyd, William, LL.D., minister, Glasgow
Bradford, William A., M.B., Chippenham
Bradley, M. M., M.D., Jarrow-on-Tyne
Bradshaw, B. W., M.D., Bansha
Braidwood, J., M.A., minister, Edinburgh
Brand, David, advocate, Edinburgh
Branks, W., M.A., minister, Torphichen
Brash, James, M.D., Glasgow
Breaky, A., M.A., Minister, Kilileagh
Bremner, H., M.A, minister, Partick
Bremner, R. L., M.A., stu., F. G'b'ls M'sc, P.shields
Brewster, George, M.A., student, Edinburgh
Briggs, Reuben, M.A., Sowerby Bridge
Brisbane, James, M.D., London
Brisbane, T., minister, Cambuslang
Briscoe, Henry, M.D., R.A., Woolwich
Broadfoot, William, M.B., Greenock
Brock, W. P., M.A., B.D., minister, Forth
Brocklehurst, G. H., B.Sc., student, Edinburgh
Brodie, D., M.A., student, Whitburn
Brodie, J., M.B., Army Med. Dep'tment, London
Brodie, J. Ewen, M.D., Glasgow
Brodie, Neil, minister, Craigmore, Rothesay
Brodie, Robert, writer, Glasgow
Broom, John, M.B., 106 Buccleuch st., Glasgow
Brown, A. B., M.A., minister, F. C., Kilbirnie
Brown, A. M., M.A., B.D., min., Kirkintilloch
Brown, Angus, minister, Fortrose
Brown, Archibald, M.D., Glasgow
Brown, David, minister, Glasgow
Brown, D., M.A., minister, Falcurragh
Brown, Duncan, M.A., student, Alva
Brown, G., minister, Pau, France
Brown, George, M.D., Colchester
Brown, G. S., B.Sc., student. Glasgow
Brown, Henry, M.A., stu., High st., Tillicoultry
Brown, Hugh, M.A., of Broadstone, Beith
Brown, James, D.D., minister, Paisley
Brown, James, M.B., Braemar
Brown, J., inspector of N. schools, Tanag'more
Brown, James, M.A., minister, Glasgow
Brown, James, M.A., student, Falkirk
Brown, James, M.A., student, Argyll Ho., Dollar
Brown, James A., M.B., Ardnith, New Cumnock
Brown, J. B., minister, Dunfermline
Brown, J. Reid, captain, Glasgow
Brown, J., M.A., D.D., Droghead
Brown, John, minister, Glasgow
Brown, John, M.B., Glasgow
Brown, John, B.Sc., student, Glasgow
Brown, J. B., M.A., LL.B., law student, Glasgow
Brown, J. C., probationer, Glasgow
Brown, J. F. C., M.B., Alexandria
Brown, J. T., M.B., Strathwye, Monmouth
Brown, John J., minister, Kinclaven
Brown, J. Ritchie, M.D., Saltcoats
Brown, Jos., M.A., student, Fochabers
Brown, J., D.D., minister, Glasgow
Brown, M. T., B.Sc., engineer, Glasgow
Brown, R., M.A., student, Markinch
Brown, Robert, M.D., Dunfermline
Brown, Robert, teacher, Shotts
Brown, Robert, M.A., M.B., Kilmarnock
Brown, Robert, B.Sc., stu., Woodcroft, Partick
Brown, Robert, M.D., Pollokshields
Brown, Thomas, surgeon, Dunblane
Brown, Thomas, M.A., student, Glasgow
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Brown, W. L., writer, Glasgow
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Brown, Wm., M.A., stu., Dalreoch, Dumbarton
Browne, Andrew, minister, Beith
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Browne, James, M.D., Castlecaulfield
Browne, J., M.A., minister, Dungannon
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Bruce, Thomas, minister, New Zealand
Bruce, W., B.D., minister, Dunimarle
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Bryson, Alexander, M.D., C.B., London
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Buchan, P., town-clerk, Port-Glasgow
Buchan, W., minister, Bovedy, Kilrea
Buchanan, A., M.A., rector, Academy, Lenzie
Buchanan, A. M., M.D., Glasgow
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Buchanan, A., minister, Burntisland
Buchanan, G., M.A., M.D., professor, Glasgow
Buchanan, G. S., calenderer, Glasgow
Buchanan, H. D., M.B., Thirsk
Buchanan, James, M.A., student, Glasgow
Buchanan, J., M.A., student, Cardross
Buchanan James, M.A., Glasgow
Buchanan, J. B.Sc., minister, Eaglesham

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Buchanan, John, M.B., Paisley
Buchanan, John, M.B., Glasgow
Buchanan, J. M., minister, Innerwick, Dunbar
Buchanan, J. Y., M.A., merchant, Edinburgh
Buchanan, Peter, M.B., Coleford, Gloucester
Buchanan, R., M.A., B.D., probationer, Cardross
Buchanan, T., minister, Barrhead
Buchanan, Thomas, M.B., Glasgow
Buchanan, T. D., M.D., Glasgow
Buchanan, W., agent, Glasgow
Buchanan, Wm., M.B., Glasgow
Buchanan, W. L., accountant, Glasgow
Buchanan, W. M., M.D., Edinburgh
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Burns, James, minister, Nairn
Burns, J. C., merchant, Glasgow
Burns, J., merchant, Castle Wemyss
Burns, J. W., M.A., advocate, Kilmahew
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Campbell, E., minister, Lochs, Stornoway
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Campbell, John, M.B., Glasgow
Campbell, J., minister, Glenurquhart, Inverness
Campbell, J., B.D., minister, Kirkcaldy
Campbell, John, M.D., Gloucester
Campbell, John, minister, Edinburgh
Campbell, John G., minister, Tyree
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Carmichael, W. G. H., M.A., minister, Perth

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Carr, William, M B., Glasgow
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Carrick, J., M.A., minister, Maybole
Carrick, J. C., B.D., minister, Newbattle
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Carruthers, T., M.A., minister, Bridge of Weir
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Chalmers, John, M.D., London, W.C.
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Chalmers, Quintin, M.B., Glasgow
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Chapman, Fred. R., M.B., Hull
Chapman, Gavin, M.A., manufacturer, Glasgow
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Clark, John, M.A., student, Glasgow
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Clark, Patrick T., minister, Gamrie, Banff
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Clarke, Joseph, M.D., Mount Melick
Clarke, T. E. S., M.A., B.D., Salton
Clarke, William, M.D., Wentworth
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Clerk, Archibald, LL.D., minister, Kilmallie
Clerk, Archibald, M.B., Glasgow
Clerk, John, M.B., Glasgow
Clerk, Norman M'L., M.B., Kilmarnock
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Clugston, John, minister, Stewarton
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Coats, John, M.A., portioner, Helensburgh
Coats, John J., M.A., writer, Glasgow
Coats, Joseph, M.D., Glasgow
Coates, Samuel, M.D., Portumna
Coats, W. W., M.A., B.D., minister, Girthon
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Cochrane, Matthew, M.A., minister, Glasgow
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Copland, William R., engineer, Glasgow
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Cordiner, Robert, minister, Lesmahagow
Cordiner, Robert, M.A., student, Campbeltown
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Couper, David, M.B., Glasgow
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Couper, John, M.D., London
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Cowan, Lachlan, writer, Glasgow
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Craig, James, M.A., student, Dalry
Craig, John, M.B., Grenada, West Indies
Craig, John, M.A., student, Glasgow
Craig, John Scott, minister, Maryport
Craig, John Wright, M.D., Bingley
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Craig, Robert C., minister, Fenwick
Craig, William, M.D., Edinburgh
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Crawford, James, M.B., Rutherglen
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Cunningham, John, M.B., Glasgow
Cunningham, J. M., bank manager, Glasgow
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Cunningham, P. H., M.B., Maryhill
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Cunningham, William L., M.B., Alva
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Dick, John, minister, Tweedsmuir
Dick, Matthew, LL.B., student, Doonholm, Ayr
Dick, Robert, M.D., Edinburgh
Dickie, Andrew, minister, Aberdeen
Dickie, Andrew B., M.A., minister, Huntly
Dickie, David U., M.A., student, Glasgow
Dickie, Hugh, M.A., student, Kilmarnock
Dickie, J., M.D., Strone, by Greenock
Dickie, Matthew, M.A., minister, Sanquhar
Dickie, M. M., M.A., B.D., minister, Haddington
Dickie, Robert, M.A., student, Airdrie
Dickie, Wm., M.A., student, Pitheavlis, Perth
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Dickson, George, M.D., Kelvinside
Dickson, James, surgeon, Roberton
Dickson, J. D. H., M.A., tutor, Cambridge
Dickson, J. G., M.D., Newton-Stewart
Dickson, John, M.B., Beeford, Hull
Dickson, Joseph, M.D., Whitehaven
Dickson, T. S., M.A., minister, Dundee
Dickson, W. P., D.D., LL.D., prof., Glas. College
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Dill, Robert F., professor, Belfast
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Dinwiddie, J., M.D., Kirkmahoe
Dinwoodie, Wm., M.D., Otterburn
Dinwoodie, Frederick, M.D., Appleby
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Dobbie, Thomas, minister, Glasgow
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Dobie, Henry E. N., M.B., Glasgow
Dobie, W. Jardine, minister, Kinghorn
Dock, Wm., M.A., student, Paisley
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Dodds, James, D.D., minister, Corstorphine
Dodds, Jas. M., M.A., student, Corstorphine
Dodds, J. M., M.A., Fellow, Cambridge
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Donald, D. M., M.A., minister, Pitlochry
Donald, George, M.B., Leith
Donald, James, M.B., Glasgow
Donald, James T., surgeon, Paisley
Donald, T., com. cl. of Lanarkshire, Glasgow
Donald, John, M.A., student, Crosshill
Donald, Wm. S., M.B., Glasgow
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Donaldson, E., M.D., Kanturk, co. Cork
Donaldson, J., M.A., minister, Fermoy
Donaldson, P., M.A., student, Muthill, Perth
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Dougal, James, M.B., Strathaven
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Dougall, John, M.D., Pollokshields
Dougall, J. M'P., M.D., York
Dougal, Wm. T., M.B., Strathaven
Dougan, W., M.D., Springburn, Glasgow
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Douglas, John B., M.A., student, Glasgow
Douglas, John M., stockbroker, London
Douglas, John C., M.B., Greenock
Douglas, J. Charles, M.D., Whithorn
Douglas, Robert, M.B., Innellan
Douglas, Wm., minister, Muthill
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Drummond, David, minister, Comrie
Drummond, David, minister, Dornoch
Drummond, James, M.D., S. Shields
Drummond, Peter, M.A., st., Th'rnhill, Dumfries
Drummond, R. J., M.A., B.D., Kilmarnock
Drummond, R. S., M.A., D.D., Dowanhill
Drummond, Thomas, min., Bolton, E. Lothian
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Duff, David, LL.D., professor, Edinburgh
Duff, James K., M.A., M.B., Aberfeldy
Duff, James, M.A., S.S.C., Edinburgh
Duff, John, M.D., Oxford
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Duff, Robert S., M.A., minister, Glasgow
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Duncan, Archibald, minister, Orphir
Duncan, Daniel, minister, Dennistoun
Duncan, E., M.D., Crosshill, Glasgow
Duncan, George G., M.D., R.N., Finnart
Duncan, Hugh, M.A., student, Dunoon
Duncan, Hugh, M.A., student, Glasgow
Duncan, James, minister, Temple
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Duncan, James K., minister, Glasgow
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Dunlop, Alexander W., M.A., student, Glasgow
Dunlop, David, teacher, Lasswade
Dunlop, Douglas, M.A., student, Partick
Dunlop, H. B., major of militia, Barrhead
Dunlop, Hugh, minister, Crosshill, Glasgow
Dunlop, James, Doonside, Largs
Dunlop, James, M.D., Glasgow
Dunlop, James, M.B., Glasgow
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Dunlop, John, M.B., Long Sutton
Dunlop, John, M.D., Glasgow
Dunlop, John, M.D., Edinburgh
Dunlop, John, M.A., student, Glasgow
Dunlop, John I., M.B., Partick
Dunlop, Robert, M.D., Irvine
Dunlop, Thomas, M.B., Lanark
Dunlop, Thomas C., M.D., Newmilns
Dunlop, W., minister, Pollokshields
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Dykes, J., minister, Bent, Lesmahagow
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Easton, Thomas, minister, Stranraer
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Edgar, Robert, M.A., minister, Newburgh
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Edwards, E. D., M.A., Pontypridd
Edwards, John, D.D., minister, Glasgow
Edwards, William, M.D., Burnley
Egan, John C., M.D., minister, London
Elder, Andrew, minister, Paisley
Elder, George, M.D., Nottingham
Elder, John L., M.A., minister, Coldstream
Elder, R., D.D., minister, Edinburgh
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Elliot, Robert, B.Sc., student, Glasgow
Elliot, William Henry, M.D., Exeter
Ellison, J. W., minister, Castlebellingham
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Evans, H. W., M.D., Dryhill, Tunbridge
Evans, T. B., M.A., student, Carmarthen
Evans, U. W., M.D., Clifton, Bristol
Evans, W., M.A., minister, Pembroke Dock
Evans, W. L., M.A., student, Llanworda
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Fairlie, J., M.A., minister, Mauchline
Fairlie, John, schoolmaster, Balfron
Falconer, John, minister, Ettrick
Falconer, W., minister, Ferry-Port-on-Craig
Falding, F. J., D.D., principal, Rotherham
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Farquharson, James D., M.B., Perth
Fenton, Henry A., M.B., Doncaster
Fenwick, W., M.D., Strathbungo
Fergus, Andrew, M.D., Glasgow

Fergus, Andrew F., M.B., Glasgow
Fergus, John, M.D., Cape Colony
Fergus, John F., M.A., Glasgow
Fergus, J. M., M.A., student, Govanhill
Fergus, Robert M., M.A., student, Glasgow
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Ferguson, Archibald D., M.A., student, Glasgow
Ferguson, Archibald, minister, Alyth
Ferguson, Daniel, M.A., student, Paisley
Ferguson, David, minister, Lochlinchart
Ferguson, Donald, M.A., student, Morven
Ferguson, Duncan, M.A., student, Fairlie
Ferguson, Fergus, D.D., minister, Glasgow
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Ferguson, James, M.B., Perth
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Ferguson, John, M.A., LL.D., professor, Glas.
Ferguson, J., M.A., minister, Aberdalgie
Ferguson, J. H., M.A., minister, Liverpool
Ferguson, M. T., M.A., journalist, Glasgow
Ferguson, Peter, M.A., teach., High Sch., Falkirk
Ferguson, Robert, M.D., Kilbirnie
Ferguson, Robert T., M.B., Johnstone
Ferguson, W. Laing, M.D., London
Ferguson, W., minister, Fossoway
Fergusson, Alex., M.D., Peebles
Fergusson, David, B.L., solicitor, Ayr
Fergusson, Sir James, Baronet, of Kilkerran
Fergusson, Wm., B.L., law-clerk, Glasgow
Fernandez, T. F., M.D., Ross, Hereford
Ferries, John, Edinkillie, Forres
Fielding, T., M.D., Blandford, Dorset
Fife, R. Thomson, chaplain, Irvine
Filkin, Richard, M.D., Richmond
Findlay, A. R., minister, Blair Athole
Findlay, C. B., merchant, Glasgow
Findlay, J., M.D., Castle-Douglas
Findlay, James, merchant, Pontefract
Findlay, James, M.A., writer, Glasgow
Findlay, James, M.B., Workington
Findlay, John, minister, Kirkoswald
Findlay, J., col., Millerhill, Mid-Lothian
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Findlay, D. W., M.D., London, W.
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Finlay, H., M.D., minister, Queensland
Finlay, James, M.D., Helensburgh
Finlayson, James, M.D., Glasgow
Finlayson, T. C., minister, Manchester
Finucane, D., M.D., Devonport
Fisher, C. H., M.D., Sittingbourne
Fisher, Frederick B., M.D., London, N.
Fisher, Henry, M.D., Chelsea
Fisher, J. S., M.A., student, Glasgow
Fisher, J. D., minister, Aberlemno
Fisher, M. W., M.D., Portarlington
Fisher, M., minister, Cross and Burness
Fitzhenry, E. H., M.D., Waterloo, Liverpool
Fitzpatrick, J., minister, Lisburn
Fleck, W. S., M.A., minister, Fairlie
Fleming, A. G., minister, Castlehead, Paisley
Fleming, Archibald, minister, Perth
Fleming, A., M.A., student, Strathaven
Fleming, Chas. F., M.A., student, Spennymoor
Fleming, David, minister, Coxhoe, Durham
Fleming, J. Brown, writer, Glasgow
Fleming, James, minister, Whithorn
Fleming, J., M.A., minister, Kittens
Fleming, James, M.A., student, Glasgow
Fleming, John, M.A., C.E., Spain
Fleming, John, writer, Glasgow
Fleming, John, minister, Newtyle
Fleming, J., M.A., minister, Paisley
Fleming, Joseph M., M.D., Edinburgh
Fleming, T. M'C., M.A., minister, Cupar-Fife
Fleming, W., minister, Edinburgh
Fleming, Wm. James, M.D., Glasgow
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Flett, Oliver, D.D., minister, Paisley
Flint, Robert, LL.D., professor, Edinburgh
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Foley, William, M.D., Kilrush
Forbes, Alex., M.D., Auchterarder
Forbes, Charles, M.D., Deal, Kent
Forbes, John T., M.A., student, Cupar-Fife
Forbes, Peter, writer, Glasgow
Forbes, R. T., M.B., Breaston, Derby
Fordyce, J., minister, Bishopbriggs
Forman, Robert H., M.B., Ratho
Forrest, D. W., M.A., minister, Hamilton
Forrest, John, M.D., Motherwell
Forrest, R. Wardrop, M.D., Glasgow
Forrest, Sir W., Bart., late captain, Coniston
Forrester, Andrew, W.S., Edinburgh
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Forsyth, David, M.A., teacher, Glasgow
Forsyth, H. A., teacher, Whitburn
Forsyth, James, M.D., Culmore
Forsyth, J., D.D., minister, Aberdeen
Forsyth, Robert, M.D., Birstall, Leeds
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Fraser, John, minister, Brechin
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Fraser, Peter, M.B., Leyland, Preston
Fraser, Thomas, M.D., London
Fraser, W., minister, Lochgilphead
Fraser, W., M.B., Manchester
Fraser, W. G., minister, Sutton, Chester
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Freeland, R., M.B., Broxburn
Frew, Alexander, M.B., Hillhead, Glasgow
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Fullarton, Archibald, minister, Greenock
Fullarton, Gavin, Kerelaw, Stevenston
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Galloway, James, M.D., Edenfield
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Gardiner, J. A., minister, Langside
Gardiner, John, M.D., Brighton
Gardiner, J., chaplain, Barnhill, Glasgow
Gardiner, J., M.A., minister, Macduff
Gardiner, W., M.D., Ashton-under-Lyne
Gardner, A., M.A., minister, Brechin
Gardner, A., minister, Liverpool
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Gemmell, James, M.D., Dunoon
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Gibson, J. D. W., B.D., minister, Carmichael
Gibson, J. B., M.D., Irvine
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Gibson, Robert, minister, Partick
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Giffen, John, minister, Strathaven
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Gilchrist, William, M.D., Rothesay
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Gillespie, John M., M.D., Accrington
Gillespie, William, minister, Edinburgh
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Gillies, William, minister, Edinburgh
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Gilmour, John, minister, Hamilton
Gilmour, William M., M.D., Govan
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Glaister, Richard, M.A., student, Lanark
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Glen, John, M.B., Southbank, Yorkshire
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Gordon, James H., M.D., Salisbury
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Gordon, William, M.B., Glasgow
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Graham, John, M.B., Pollokshields
Graham, J., lieut.-colonel, Haverford West
Graham, John T., M.D., Perth
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Grant, R., LL.D., professor, Glasgow
Grant, William, M.B., Blantyre
Gray, Adam, M.A., minister, Kirn
Gray, Alex., M.B., Shawclough, Rochdale
Gray, A., M.A., LL.D., minister, Belfast
Gray, Alex., M.A., Edinburgh
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Gray, John, M.A., student, Stonehouse
Gray, John, minister, Freuchie
Gray, John, M.A., student, Midtown, Ayr
Gray, Robert, minister, Edinburgh
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Gregory, T., M.A., minister, Kilmalcolm
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Greig, George, minister, Fairlie
Greig, John, M.A., student, Tayport, Fife
Greig, Thomas H., minister, Biggar
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Grieve, W., M.B., Barrow-in-Furness
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Grime, Thomas J., M.B., Kirkby, Lonsdale
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Guthrie, James, cashier, Glasgow
Guthrie, T. O., M.B., Glasgow
Guthrie, W., sheriff-substitute, Glasgow
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Hall, John, M.D., London
Hall, John, minister, Fenwick
Hall, John, M.D., Ruddington, Notts
Hall, Wm., M.A., student, Bearsden
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Hamilton, Alexander, W.S., Edinburgh
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Hamilton, D., Hillhead
Hamilton, Gavin, rector, Elgin
Hamilton, G., clerk, Kirkcudbright
Hamilton, H. M., minister, Hamilton
Hamilton, J., M.A., minister, Lanark

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Hamilton, J. B., minister, Kilmarnock
Hamilton, J., M.A., minister, Campsie, Omagh
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Hay, John, M.A., minister, Glasgow
Hay, Patrick R., M.D., Ballymena
Hay, Robert, M.A., student, Glasgow
Hay, Walter, M.B., Ardbeg, Islay
Hay, William, M.D., Carlisle
Hay, William, B.D., student, Cumbernauld
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Hendry, Nisbet T., M.A , student, Johnstone
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Hunter, Andrew, B.D., minister, Eskbank
Hunter, Charles B., M.B , Carnwath
Hunter, Charles D., M.D., Glasgow
Hunter, David, B.D., minister, Partickhill
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Hunter, William M., M.D., Eckington
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Hutton, William, minister, Birkenhead
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Inglis, John, missionary, New Hebrides
Inglis, Robert, M.A., student, Linwood
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Ingram, Wm., architect, Glasgow
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Irvine, John, M.D., Heanor, Derbyshire
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Johnston, Archibald, M.B., Glasgow
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Johnston, Francis, M.B., Liverpool
Johnston, H. W., M.A., student, Elderslie
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Johnston, John, M.B., Kilwinning
Johnston, John, M.A., LL.B., solicitor, Glasgow
Johnston, John, M.A., student, Dalry
Johnston, J. M., M.A., Dumbarton
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Johnstone, Quintin, minister, Partick
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Kelly, James K., M.B., Glasgow
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Knox, Robert, minister, Kilmalcolm
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Kyle, T., M.A., minister, Banton, Denny
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Laing, Wm. A. G., M.D., Barnstaple
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Lambie, J. M., minister, Grangemouth
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Lamond, R. Peel, writer, Glasgow
Lamont, James, minister, Dalkeith
Landsborough, D., minister, Kilmarnock
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Lane, Alexander, M.D., Aughadowey
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Lang, George, M.A., student, Bowling
Lang, G. W., M.D., Kilane
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Lang, John M., D.D., minister, Glasgow
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Lang, Thomas B., M.D., Groombridge
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Maxwell, W., M.A., minister, Cardross
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Miller, Alexander, minister, Newbigging
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Miller, David, M.A., minister, Stranraer
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Miller, Hugh, M.D., Birkenhead
Miller, Hugh, M.A., minister, Shandon
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Rutherfurd, J., B.D., minister, Rothesay
Ruthven, John, M.A., minister, Kinross
Ruttledge, James, M.D., London
Ryan, John, M.D., Ballinacally

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Scott, Allan, merchant, Glasgow
Scott, Archibald, D.D., minister, Edinburgh
Scott, Arthur T., M.A., merchant, Glasgow
Scott, David, D.D., minister, Saltcoats
Scott, F. B., M.D., surgeon-major, London
Scott, Gavin S., M.B., East Kilbride
Scott, George, M.B., Stranraer
Scott, G. J. C., minister, Wallacetown, Ayr
Scott, James, M.A., student, Glasgow
Scott, James H., minister, Bonkle
Scott, James K., B.D., minister, Fraserburgh
Scott, John, M.D., Sandwich
Scott, Peter, M.D., Carnoustie
Scott, R., minister, Berwick-on-Tweed
Scott, R., M.A., minister, Hillhead, Glasgow
Scott, Robert, M.B., Melbourne
Scott, Robert D., minister, Roberton
Scott, William, minister, Braemar
Scott, William, jr., merchant, Strathaven
Scott, W., M.A., Newton Cunningham
Scott, William D., B.D., minister, Aberdeen
Scott, William J., M.B., Glasgow
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Semple, Andrew, M.B., Hillhead
Semple, A., M.D., dep. surgeon-gen., Edinburgh
Semple, Miller, M.B., Hillhead
Semple, William M., M.B., Bothwell
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Service, D. D., M.A., M.D., Kilwinning
Service, John, M.D., Spain
Service, John, B.L., student, Kelvinside
Service, John B., B.D., min., Bolton, Haddingto
Service, R. M., M.B., Dennistoun

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Sewell, W. R., M.D., Helensburgh
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Shaw, James, surgeon, Sheerness
Shaw, James, M.B., Bankstown
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Sinclair, J., M.B., Bo'ness
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Speirs, E. B., B.D., minister, Glendevon
Speirs, John L., M.B., Glasgow
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Spence, William, ironmonger, Glasgow
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Stark, John, minister, Duntocher
Stark, John, minister, Gargunnock
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Steel, Robert, M.A., student, Dowanhill
Steel, Thomas, dyer, Calton
Steel, Thomas Heron, M.D., Glasgow
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Steven, William John, minister, Montrose
Stevens, Robert, M.A., minister, Coleford
Stevenson, Alexander, Glasgow
Stevenson, G., minister, Pulteneytown
Stevenson, Hugh, minister, Melrose
Stevenson, Hugh, M.A., student, Greenock
Stevenson, James, junr., merchant, Glasgow
Stevenson, J. C., manufacturer, South Shields
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Stevenson, Thomas, minister, Edinburgh
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Stewart, Archd. F., minister, Aberfoyle
Stewart, Chas. W., M.A., M.D., Glasgow
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Stewart, James, B.L., student, Glasgow
Stewart, James, minister, Hawick
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Stewart, R., M.A., minister, Jedburgh
Stewart, Robert, M.D., Coatbridge
Stewart, Robert, minister, Glasgow
Stewart, Robert, M.D., Carluke
Stewart, Robert, minister, Lisbon
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Stewart, Dr. Robert W., M.A., minister, Leghor
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Stirling, David, minister, Craigie manse
Stirling, James H., LL.D., Edinburgh
Stirling, William, minister, Coatbridge
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Stothert, Thomas, minister, Lumphanan
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Strachan, James, M.A., minister, Barvas
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Strang, John, clerk, Glasgow
Strang-Watkins, G. Y., writer, Glasgow
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Taylor, William, M.B., Glasgow
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Thorburn, R. T., surgeon, Loanhead
Thorburn, William, M.A., minister, Bury
Thornley, Joseph, M.D., Bolton
Tindal, David, M.D., 28 Queen's sq., Strathbungo
Tinniswood, George, M.D., Norton
Tod, Alexander, merchant, London
Todd, George B., M.B., Glasgow
Todd, James C., B.Sc., student, Dollar
Topping, J. P., M.B., London, E.
Torrance, D. W., M.B., Dowanhill
Torrance, John, minister, Glasgow
Torrance, James H., M.D., Wolston
Torrie, William, M.A., minister, Lismore
Trimble, R., M.D., Walton-le-Dale
Tucker, James, M.D., Sligo
Tudhope, A. P., M.B., Coatbridge
Turnbull, C. S., M.A., student, Glasgow
Turnbull, George, M.A., minister, Dailly
Turnbull, J. A., M.A., student, Glasgow
Turnbull, John, writer, Glasgow
Turnbull, Mungo, M.D., Cambuslang
Turnbull, P. S., M.D., surgeon-major, Edinburgh
Turner, Andrew D., M.B., Owston Ferry
Turner, Duncan, M.A., minister, Broughty-Ferry
Turner, Robert, minister, Kinnettles
Turner, W., farmer, Gavinburn, Old Kilpatrick
Turner, W. Y., M.D., Demerara
Tweedy, Henry, M.D., Dublin

Underwood, A., M.A., minister, Burton-on-Trent
Ure, A., M.A., LL.B., advocate, Edinburgh
Ure, John, clerk, Glasgow
Ure, John, M.A., student, Dennistoun
Ure, Neil Shaw, minister, Largs
Ure, R., M.A., writer, Glasgow
Urquhart, A., M.A., minister, Portpatrick

Valentine, George, M.B., Girvan
Vallance, James, minister, Tinwald manse
Vardy, Charles F., M.A., minister, London
Vary, John, minister, Carmichael
Vass, James, M.A., law student, Hillhead
Veitch, J., M.A., LL.D., professor, Glasgow
Veitch, Robert, M.A., student, Rochdale
Vernon, Richard, M.D., Audley
Viehoff, J. M., B.Sc., student, Chingford, Essex
Vost, William, M.B., Glasgow

Waddell, A. R., M.D., Kidderminster
Waddell, J. C., M.D., Longton, Staffs
Waddell, Laurence A., M.B., Glasgow
Waddell, P. H., LL.D., minister, Glasgow
Waddell, P. H., B.D., minister, Prestonkirk
Waddell, T. C., D.D., Cumbernauld
Waddell, Walter, minister, Borthwick
Waddell, Wm., M.D., Bridlington
Waddell, W. W., M.A., insp'r. of schools, Stirling
Waddington, Isaac, M.D., Bradford
Wade, George, minister, Falkirk
Wakefield, Wm., M.D., London
Wainwright, Chas. Wm., B.L., stu., Milliken park
Wainwright, J. W., M.D., St. Leonards-on-Sea
Walker, Alex., M.A., minister, Millport
Walker, Alex., M.A., minister, Deskford
Walker, Allan, M.B., Seaton Burn
Walker, Archibald, minister, Row
Walker, David, M.A., min., Newton ter., Glasgow
Walker, George, M.D., Birkenhead
Walker, Hugh, M.A., student, Kilbirnie
Walker, James, preacher, Glasgow
Walker, P. H., M.B., Prestwick
Walker, Robert, M.D., Portobello
Walker, R., M.A., B.D., minister, Skelmorlie
Walker, Thomas, minister, Dalry, Galloway
Walker, Wm., M.D., Pollokshaws
Walker, Wm., probationer, Greenock
Walker, W. Taylor, M.A., minister, Oban
Wall, Thomas, M.D., Cork
Wallace, Alex., D.D., minister, Glasgow
Wallace, Alex., M.B., Baillieston
Wallace, David, M.A., student, Paisley
Wallace, E. J., M.D., S. Sea, Hants
Wallace, James, M.D., Greenock
Wallace, J., M.A., student, Port-Glasgow
Wallace, Jardine, minister, Traquair
Wallace, Robert, M.B., Govanhill
Wallace, R. W., M.A., student, Traquair
Wallace, Samuel, M.D., Cardiff

Wallace, William, M.A., student, Shawlands
Wallace, W., M.D., Castleford, Yorks
Wallace, William, M.B., Greenock
Wallace, William, M.B , Smallbridge, Rochdale
Wallace, William, M.A., law student, Hillhead
Wallis, Patrick, M.D., Charleville
Walsh, Arthur D., M.D., Cloughjordan
Walsh, John, M.D., Liverpool
Walton, T. U., B.Sc., C.E., Greenock
Wands, James, M.B., Chester-le-Street, Durham
Wardrop, D., M.A., teacher, Greenock
Wark, David, minister, Auchincairn
Warner, Robert, M.A., student, Dunoon
Watanabe, Kaichi, B.Sc., C.E., 7 London st., Edin.
Waters, John H., M.D., London, S.W.
Watson, A. C., M.A., B.D., minister, Glasgow
Watson, Alex. L., M.A., student, Ayr
Watson, David, M.A., minister, Clough
Watson, David, M.A., stu., 20 High st., Lanark
Watson, James, B.L., solicitor, Glasgow
Watson, James, M.B., Aberdeen
Watson, James R., M.A., student, Parkhead
Watson, John, M.A., minister, South Yell
Watson, Robert, M.D., Glasgow
Watson. Thomas, writer, Glasgow
Watson, Thomas, M.D., Stockton-on-Tees
Watson, William, minister, Langholm
Watson, William, M.A., minister, Dumbarton
Watson, William, M.B., Lanark
Watson, Wm. R. K., M.A., stu., Merryflatts, Govan
Watt, Allan, M.B., Strathaven
Watt, D. G., M.A., minister, London. N.
Watt, Henry, M.A., student, Wennetta, Govan
Watt, H. G., M.A., B.D., minister, Dundee
Watt, James R., M.B., Ayr
Watt, J. C., M.A., Fellow, Cambridge
Watt, Thomas. M.A., M.B., Paisley
Watt, Wellstood A., M.A., st., Almada Hill, H'milt'n
Watt, Wm., minister, Norriston, Thornhill, Stirling
Watt, William M., minister, Shotts
Waugh, Thomas, M.D., Stewartstown
Weatherhead, James, M.A., student. Moffat
Webb, Henry P., M.B., Coleshill
Weild, A., minister, Thornliebank
Weir, James B., M.D., Silverstone
Weir, J. J., M.B., St. John's ter., Jar'w-on-Tyne
Weir, John, minister, Kilmaurs
Weir, John, M.A., assist. to Prof., Kilmaurs
Weir, John, M.A., minister, Forfar
Weir, John W., M.D., Tembuland, South Africa
Weir, John, M.D., Carrickfergus
Weir, John Craig, minister, Jarrow-on-Tyne
Weir, Robert, minister, Glasgow
Weir, Thos. D., B.Sc., C.E., Glasgow
Weir, T. H., M.A., student, Manchester
Weir, Wm., B.Sc., student, Kilmaurs
Weldon, R. G., M.A., minister, Rothesay
Wells, G. H., M.A., minister, Gorton
Wells, J. H., minister, Bridge of Earn
Welsh, Alexander, M.D., Whitworth
Welsh, John, M.D., Ballyshannon
Welsh, Robert, M.A., Harrowgate
Welsh, Walter, minister, Auchtertool
Wemyss, John, M.A., student, Helensburgh
Wenley, Robt. M., M.A., student, Glasgow
West, Duncan M., Hillside, Pollokshaws
West, John Henry, M.D., 59 Brigade Depot
Westropp, William, M.D., Limerick
Whammond, W., M.D., Jarrow on-Tyne
Wherland, James R., M.D., Cork
Whish, Charles, M.B., Pollokshaws
White, Adam, advocate, Glasgow
White, James W., M.D., Uddingston
White, John, M.D., Pollokshields
White, John, M.A., student, Whiteinch
White, John, M.A., minister, Glasgow
White, John, M.B., Pollokshields
White, J. C., M.A., mer., Crosslet, Dumbarton
White, M., M.A., minister, Blairgowrie
White, M., M.A., B.D., probationer, Whiteinch
White, Peter, minister, Wooler
White, R., M.A., probationer, Maxweltown
White, Walter, minister, Errol
White, William, M.D., Borriscastle
Whiteford, A., M.A., Neilston
Whiteford, J., M.A., minister, Banton
Whitehead, Alex., M.B., Paisley
Whitelaw, Robert, M.B., Jamestown, Alexandria
Whitelaw, Wm., M.D., Kirkintilloch
Whitson, James, M.D., Glasgow
Whittaker, Jas. T., M.D., Tillicoultry
Whyte, A., M.A., minister, Clackmannan
Whyte, Alex., M.A., student, Busby
Whyte, D., M.A., minister, Baun, Downpatrick
Whyte, H. L., sec., Workington
Whyte, J. B., minister, Hartlepool
Whyte, R., M.A., minister, Edinburgh
Whyte, R. H., minister, Lockerbie
Whyte, William, B.Sc., Aberdeen
Wight, G., M.A., minister, Wamphray
Wight, William T., B.L., student, Wishaw
Wilkie, J. M., Egremont, Cheshire
Williams, Alfred, M.B., Huddersfield
Williams, B. T., M.A., Q.C., Narberth, Pemb'shire
Williams, E., M.A., B.D., minister, Swansea
Williams, George, M.D., Dingle, co. Derry
Williams, Leonard, M.B., E. Sheen, London, S.W.
Williamson, D., minister, Forgandenny
Williamson, James, minister, Edinburgh
Williamson, James F., property agent, Glasgow
Williamson, R., D.D., min., Kingarth, Rothesay
Williamson, Walter, writer, Beith
Williamson, William J., M.A., Derry
Willis, George, M.D., Monmouth
Willis, William R., M.B., Baillieston
Willison, John, writer, Glasgow
Wills, James, M.B., London, N.
Wilson, A., M.A., B.D., minister, Liverpool
Wilson, Adam J., M.A., student, Glasgow
Wilson, Andrew, M.B., Drymen
Wilson, Alexander, minister, Glasgow
Wilson, A. S., M.A., B.Sc., min., N. Queensferry
Wilson, Allan, M.D., Alnwick
Wilson, Andrew, M.D., Newton Disley
Wilson, Charles, M.D., Crewe
Wilson, D., minister, Borrowstownness
Wilson, D., M.A., Carbeth, Killearn
Wilson, David, M.A., student, Glasgow
Wilson, David, M.B., Birtley
Wilson, David, M.B., Huddersfield
Wilson, George, M.B., Stane, Shotts
Wilson, G., M.B., Ashton-under-Lyne
Wilson, Henry, M.A., student, Glasgow
Wilson, Henry B., M.B., Glasgow
Wilson, Hugh, M.D., Ochiltree
Wilson, Hugh C., M.A., minister, Eastbourne

Wilson, James, minister, Perth
Wilson, James, minister, Dundee
Wilson, James L., M.B., Duns, Berwickshire
Wilson, J., M.A., minister, Broughty-Ferry
Wilson, James, M.A., student, Dennistoun
Wilson, James, M.B., Johnstone
Wilson, James, M.A., M.B., Govan
Wilson, James, M.A., student, Port-Glasgow
Wilson, James A., M.B., Cambuslang
Wilson, James M., M.D., Doncaster
Wilson, James H., teacher, Cupar-Fife
Wilson, James S., M.B., Cumnock
Wilson, John, minister, Helensburgh
Wilson, John, minister, Aberdeen
Wilson, J., M.A., minister, Abernyte
Wilson, J., M.A., minister, Methven
Wilson, John, M.D., Glasgow
Wilson, John, M.D., Lanchester
Wilson, John, M.B., Glasgow
Wilson, John, M.A., teacher, Glasgow
Wilson, John C., M.B., Blantyre
Wilson, J. G., M.D., Ashton-under-Lyne
Wilson, John S., M.D., Bellshill
Wilson, John, M.A., student, Tillicoultry
Wilson, John, M.D., Glasgow
Wilson, John, minister, Bellshill
Wilson, John, M.D., Brookborough
Wilson, John N., M.B., Jarrow-on-Tyne
Wilson, John R., M.A., minister, Edinburgh
Wilson, J., M.A., s'master, Leatherhead, Surrey
Wilson, Matthew, M.A., Johnstone
Wilson, Matthew G., M.A., student, Glasgow
Wilson, P., M.A., minister, Leith
Wilson, Robert, surgeon, Coatbridge
Wilson, R., M.A., minister, North Ronaldshay
Wilson, Robert, M.D., Alnwick
Wilson, R. A., M.D., Hornby, Lancaster
Wilson, Stewart, M.D., Omagh
Wilson, T., M.A., minister, Lesmahagow
Wilson, Thomas C., minister, Dunkeld
Wilson, Thos. L., minister, Longside, Aberdeen
Wilson, T. R., M.A., teacher, Denny
Wilson, William, M.A., student, Bothwell
Wilson, William, M.D., Irvine
Wilson, W. B., preacher, Bellshill
Wilson, William A., M.D., Greenock
Wilson, William W., M.A., student, Glasgow
Wilson, William M'K., M.B., Glasgow
Wingate, Donald, M.B., Gateside, Paisley
Wingate, Walter, M.A., student, Glasgow
Wingate, Wm., minister, Bayswater
Winn, James M., M.D., London, N.W.
Winning, W., M.A., st., 521 St. George's rd. Glas.
Wishart, Robert, minister, Thornhill
Wishart, R. S., M.A., teacher, Glasgow
Woolfe, John Reissberg, M.D., Glasgow
Woodburn, James C., M.D., Glasgow
Woodgates, Samuel H., M.D., Exter
Woods, Thomas, M.D., Parsonstown
Woodside, David, B.D., minister, Glasgow
Wooley, Samuel P., M.B., Bradford
Wotherspoon, W. L., minister, Kilspindie
Wray, William, M.A., minister, Cookstown
Wright, Alexander, M.A., minister, Musselburgh
Wright, D., M.A., minister, Bellahouston
Wright, Hugh, solicitor, Edinburgh
Wright, John C., M.B., Glasgow
Wright, John S., M.B., Glasgow
Wright, Peter, minister, Forfar
Wright, Stewart, minister, Blantyre
Wright, William, minister, Lochee
Wyer, Otho F., M.D., Leamington
Wylie, A. Howie, M.D., Oldham
Wylie, A., M.A., min., 11 Lutton pl., Edinburgh
Wylie, Alexander, W.S., Edinburgh
Wylie, Alex., M.B., Croxall Grange, Lichfield
Wylie, James, M.B., 5 Radnor terrace, Glasgow
Wylie, James A., M.A., student, Hamilton
Wylie, John, M.B., Dalmuir
Wylie, John, M.B., Stewarton
Wylie, W., M.A., teacher, Rutherglen
Wyllie, William, M.D., Kirby, Lonsdale
Wyllie, William, M.A., minister, Blantyre

Yair, David W., minister, Firth, Orkney
Yair, John M., M.B., Kilcreggan
Yair, Joseph, M.A., minister, Eckford
Yarrow, Henry, M.B., Glasgow
Yeaman, George, M.D., Glasgow
Yeo, Gerald, M.D., Harling, Petersfield
York, William, writer, Glasgow
Young, Alexander, writer, Glasgow
Young, Alexander, minister, Glasgow
Young, Archibald, M.A., minister, Aberdeen
Young, Daniel L., M A., clerk, Glasgow
Young, David, M.D., Glasgow
Young, David, D.D., minister, Glasgow
Young, David, M.B., Partick
Young, E. D., M.A., student, Edinburgh
Young, George B., B.L., student, Falkirk
Young, Homer, M.A., student, Partick
Young, James, minister, Tignabruaich
Young, J., M.A., minister, Paisley
Young, James W., writer, Kilsyth
Young, J., M.D., professor, Glasgow
Young, J., M.B., 25 Meadowpark st., Dennistoun
Young, John, M.D., Sheffield
Young, John, minister, Greenock
Young, J., M.A., B.Sc., secy. to Tech. Coll., Glas.
Young, John, M.B., Glasgow
Young, John M., M.A., M.B., Glasgow
Young, R. Arthur, M.A., LL.B., stud., Glasgow
Young, R. B., M.A., M.B., Dowanhill
Young, Robert H., M.B., Glasgow
Young, Robert, M.A., student, Paisley
Young, Robert R., M.B., Glasgow
Young, Thomas, M.D., Manchester
Young, T. C., jun., M.A., B.L., LL.B., writ., Glas.
Young, William, M.A., minister, Baldernock
Young, William G., M.D., Glasgow
Young, W., minister, Barrhead
Young, William M., M.A., student, Glasgow
Younger, Henry J., M.A., student, Glasgow
Younger, R. T., LL.B., advocate, Edinburgh
Yuille, James, minister, Peterhead

Zinkeisen, William, B.Sc., student, Glasgow
Zuill, John, M.A., student, Buchlyvie, Stirling

APPENDIX II.

UNIVERSITY OF GLASGOW LOCAL EXAMINATIONS.

BOARD OF MANAGEMENT.

Vice-Chancellor and Principal John Caird, D.D., *President.*

Professor Dickson.
,, Nichol
,, Ramsay.
,, Veitch.
,, E. Caird.
,, Young.
Sheriff Berry.

Professor Stewart.
,, Ferguson.
,, Jebb.
,, M‘Kendrick.
,, Cleland.
,, Jack.
,, Lindsay, F.C. College.

Professor Stewart, *Honorary Secretary.*
J. H. Fullarton, M.A., B.Sc., *Secretary.*

EXAMINERS.

David S. Adam, M.A. ; Patrick H. Aitken, M.A., B.D. ; James Bonar, M.A. ; James T. Bottomley, M.A. ; Professor Bower, M.A. ; James Brown, M.A. ; Professor E. Caird, LL.D. ; James Cappon, M.A. ; Professor Cleland, M.D. ; Professor Dickson, D.D. ; Professor Dobbie, D.Sc. ; J. M. Dodds, M.A. ; E. Elster, Ph.D. ; Professor Ferguson, M.A. ; J. H. Fullarton, M.A., B.Sc. ; George Gibson, M.A. ; Professor Grant, LL.D.; R. Greenlees ; G. G. Henderson, M.A., B.Sc. ; W. R. Herkless, M.A.; John Hutcheson ; Professor Jack, LL.D.; Professor Jebb, LL.D.; Professor Jones, M.A.; Rev. T. B. Kilpatrick, B.D. ; Professor Lindsay, D.D. ; Professor Moriarty, B.A.; J. H. Muirhead, B.A.; Alex. Murdoch ; James A. M‘Callum, M.A.; W. S. M‘Cormick, M.A.; Donald Macfarlane; Professor M‘Kendrick, M.D.; John S. M‘Kenzie, M.A.; Archibald M‘Laren, M.A.; Professor Nichol, LL.D.; Rev. W. Patrick, B.D.; R. H. Pinkerton, M.A. ; Professor Ramsay, LL.D. ; Professor Robertson, D.D. ; J. M. Robertson, M.B. ; W. Smart, M.A. ; Montague Smith ; Professor Stewart, D.D. ; Professor Sir W. Thomson, LL.D. ; Professor Veitch, LL.D. ; John Weir, M.A. ; R. M. Wenley, M.A.; J. Muir Wood; Professor Young, M.D.

The Board may add to the number of Examiners before the date fixed for the next Examination.

LOCAL CENTRES AND SECRETARIES, 1887.

Dumbarton,	Rev. Daniel Gunn, M.A.
Dunoon,	D. Anderson, Esq., Writer.
Greenock,	M. F. Dunlop, Esq., Writer.
Hamilton,	James Loudon, Esq., M.D.
Helensburgh,	Rev. John Baird, B.D.
Kilmarnock,	J. P. Stevenson, Esq., Solicitor.
Largs,	J. K. Boyd, Esq., Banker.
Lenzie,	Rev. W. Macfarlane, B.D.
Paisley,	Jas. E. Campbell, M.A., B.L.
Rothesay,	Arch. MacKirdy, Esq.
Thurso,	Rev. C. S. Findlay.
Whitehaven,	Rev. Alex. Nairn.

REGULATIONS FOR 1888.

The Examinations will commence on Tuesday, May 15th, 1887, at 9 A.M., and will be continued for four days. Both boys and girls are admitted, but boys are not admitted above the age of 18.

Printed forms, in which candidates are to make application, may be obtained from the Secretary at the University, in the end of March. Candidates must fill up and return these forms *before the 20th April*, forwarding the fees at the same time. Serious inconvenience is caused when applications are received after the date mentioned.

PLACES OF EXAMINATION.—Candidates will be examined at the University, Glasgow, and at such places as the Board may appoint as Local Centres. The Board undertake to establish a Local Centre in any place (excepting the other University seats, St. Andrews, Aberdeen, and Edinburgh), upon the following conditions :—1. A Local Committee of those interested in the higher education of the district must be formed, and must make arrangements for the proper management of the Examination. 2. This Committee must guarantee the appearance of at least six candidates, or a sum equivalent to their fees. 3. Any expenses incident to the Examination in each Local Centre (but not including fees to Examiners) must be borne by the Local Committee.

The Secretary of the Local Committee will receive from the candidates belonging to the district their forms of application, duly filled up, and their fees, and will transmit them *on the 21st April* to the Secretary at the University.

CERTIFICATES.—The Certificates granted by the Board are of four grades, viz. :—

I. Junior,	for both boys and girls.
II. Senior,	
III. Higher,	for women.
IV. Certificate in Degree Subjects,	

They are signed by the Vice-Chancellor of the University, and specify in each case the subjects in which the candidate has passed.

The following privileges are attached to the Junior and Senior Certificate : I. Students proposing to enter the Faculty of Arts in the University are required to pass an Entrance Examination (see p. 111), but the holders of Junior or Senior Certificates are exempted from examination in the subjects comprised in their certificates. 2. Students proposing to enter on the study of medicine in this University or other Medical School are required to pass a Preliminary Examination in General Education, but the holders of Junior or Senior Certificates are exempted from examination in the subjects comprised in their Certificates. 3. Students holding a Senior Certificate bearing that the holder has passed in Latin, Greek, or Mathematics, are qualified to attend, in any of the Scottish Universities, the Higher Classes in the subject or subjects passed without having previously attended the Junior Classes in the same department, and provided he has passed in Latin and Greek he may complete the curriculum for a Degree in Arts within three Sessions. 4. The Senior Certificate—provided that it comprises one or more of the following subjects, viz., Latin, Greek, French, German—is accepted as qualifying for admission to Girton College, Cambridge. 5. Females holding the Senior Certificate, or the Higher Certificate, or the Certificate in Degree Subjects, may act as assistant teachers under Art. 79 of the Scotch Code of the Education Department, and under Art. 47 *b*. 2 may obtain Government Certificates after twelve months' service in a day school receiving Government Grants.

The subjects of Examination, proficiency in which gives a right to a Certificate, are divided into five groups :—

(*a*) Common Subjects.
(*b*) Special Subjects for the Junior Certificate.
(*c*) Special Subjects for the Senior Certificate.
(*d*) Special Subjects for the Higher Certificate.
(*e*) The Subjects required for the Degrees of M.A. and B.Sc.

Candidates for the Junior Certificate must pass in all the subjects of Group (*a*), and in a selection from Group (*b*) ; for the Senior in all the subjects of Group (*a*), and in a selection from Group (*c*) ; for the Higher in a selection from Group (*d*) ; and for the Certificate in Degree Subjects candidates must pass in a selection from Group (*e*). The selection must in each case be made in accordance with the conditions laid down in the regulations.

Candidates for the Junior or Senior Certificate may take the Common and the Special Subjects in different years. The names of those who pass in the Common Subjects are registered, but no Certificate is issued till the Candidates have also passed in the Special Subjects.

Candidates for Junior, Senior, or Higher Certificates may also present themselves for Examination in Drawing and Music, and their proficiency in these EXTRA SUBJECTS will be recorded in the Certificate, but the numerical values obtained will not be reckoned in any competition.

The Time Tables should be consulted by Candidates in selecting their lines of study, so as to avoid, as far as possible, the inconvenience to themselves consequent upon choosing subjects arranged for consecutive hours.

Group (*a*) comprehends :—1. English ; 2. History ; 3. Geography ; 4. Arithmetic ; 5. Scripture History ; 6. Latin. [N.B.—Girls are not required to take Latin.]

The subjects in Group (*b*) are arranged in four departments, and the subjects (in number at least *two* and not more than *five*) selected by any candidate must be taken from at least two of the departments. Department A comprehends—1. English Language and Composition ; 2. English Literature ; 3. History and Geography ; 5. Scripture. Department B—1. Latin ; 2. Greek ; 3. French ; 4. German. Department C —1. Mathematics ; 2. Natural Philosophy ; 4. Astronomy. Department D—1. Chemistry ; 2. Botany ; 3. Zoology ; 4. Physiology ; 5. Geology and Physiography. From Department D not more than one subject may be taken.

The subjects in Group (*c*) are also arranged in four departments, and the subjects (in number at least *two* and not more than *six*) selected by any candidate must be taken from at least two of the departments. Department E comprehends—1. English Literature ; 2. History ; 3. Political Economy ; 4. Logic ; 5. Scripture. Department F—1. Latin ; 2. Greek ; 3. French ; 4. German. Department G—1. Mathematics ; 2. Natural Philosophy ; 3. Astronomy. Department H—1. Chemistry ; 2. Botany ; 3. Zoology ; 4. Human Physiology ; 5. Geology. From Department H not more than one subject may be taken.

The subjects in Group (*d*) are arranged in five departments, viz. :— Department A—English Language and Literature. Department B—1. Latin ; 2. Greek ; 3. French ; 4. Italian ; 5. German. Department C —1. Mathematics ; 2. Natural Philosophy ; 3. Astronomy. Department D—1. Psychology, Logic, and Metaphysics ; 2. Moral Philosophy ; 3. Political Economy ; 4. History ; 5. Scripture. Department E—1. Chemistry ; 2. Botany ; 3. Geology and Physical Geography ; 4. Zoology ; 5. Physiology. The range of selection allowed to the candidates for the Higher Certificate varies according to their preliminary qualifications. If the Candidate has taken the Senior Certificate in the Local Examinations of any University, or if she has attained the age of 18 years, and passed in the subjects included under Group (*a*), or an equivalent examination, she may offer herself for examination in at least *three*, and not more than *six*, subjects taken from at least three of the departments. If the Candidate has attained the age of 18 years, but has not passed the examination specified above, she may offer herself for examination in Department A, and, in addition, in at least *three* and not more than *five* subjects, taken from at least two of the remaining departments, provided always that one of these additional subjects shall be Mathematics *or* taken from Department B. No girl under the age of 18 is admitted to the examination for the Higher Certificate unless she holds a Senior Certificate.

The subjects in Group (*e*) are also arranged in five departments, viz. : —Department A—English Language and Literature. Department B— 1. Latin ; 2. Greek. Department C—1. Mathematics ; 2. Natural Philosophy. Department D—1. Psychology, Logic, and Metaphysics ; 2. Moral Philosophy. Department E—1. Chemistry ; 2. Botany ; 3. Geology ; 4. Zoology ; 5. Physiology ; 6. Anatomy. Candidates are required to select at least *five* of these subjects from at least three departments. They have it in their option to complete their examination in all the subjects in one year, or to distribute them over a period not exceeding three years.

The successful candidates for the Junior Certificate are ranked in *two*

Divisions, the first including those who pass in three, *or more than three, special* subjects; the second, those who pass in only *two special* subjects. The candidates in each Division are ranked in *two Classes*. In determining the order of merit, the aggregate of the marks gained in the several subjects is taken; but in the case of candidates who take *more than three special* subjects, no marks are given for such additional subjects unless the candidate has gained more than 40 per cent. of the attainable marks; and the marks added from such additional subjects are the aggregate marks gained, *minus* the 40 per cent.

Those who obtain Senior Certificates are classified in like manner, with the like deduction in the case of candidates who take more than three special subjects.

Those who obtain Higher Certificates are classified in a similar manner, but the deduction in the case of candidates who take more than three subjects is 50 per cent.

An Honour List is published containing the names of those candidates who obtain 75 per cent. and upwards in each of two or more subjects taken from Groups (*b*), (*c*), (*d*), (*e*).

No certificate is granted if the subjects in which the candidate has passed belong to only one department. In the Higher Examination a candidate, in order to obtain a Certificate, must pass in subjects taken from at least three departments. The certificate in Degree Subjects is not granted until the candidate has passed in five subjects taken from at least three departments.

Candidates for the Junior Certificate are required to pay a fee of 20s. No additional fee is payable if the candidate take the Common Subjects at one examination and the Special Subjects for the Junior Certificate at another.

Candidates for the Senior Certificate holding a Junior Certificate of Glasgow University, or of any University whose Certificates may be recognized by the Board, are required to pay a fee of 20s. Candidates who do not hold such a Certificate are required to pay 30s. Candidates who take the Common Subjects at one examination, and the Special Subjects for the Senior Certificate at another, are required to pay a fee of 20s. for each examination.

Candidates for the Higher Certificate who hold a Senior Certificate, or who have passed in the subjects included under Group (*a*) are required to pay a fee of Two Guineas. Other candidates are required to pay Three Guineas.

Candidates for the Certificate in Degree Subjects are required to pay a fee of Three Guineas.

Any holder of a Certificate may, on payment of a fee of ten shillings, be admitted to examination in one or more additional subjects, with the view of adding to the value of the Certificate previously obtained.

Candidates who have not been successful may reappear for examination on the following terms:—

1. Any Candidate who has failed in only one of the Common Subjects, *i.e.* Group (*a*), shall, on application in a subsequent year, be admitted to examination in that subject without payment of additional fee, and without requiring to undergo examination again in the subjects already passed.

2. Any Candidate who has failed in more than one of the Common Subjects shall, on application in a subsequent year, be admitted to examination in the whole of the Common Subjects on payment of a fee of ten shillings.

3. Any Candidate who has failed in only one of the Special Subjects, *i.e.* Group (*b*), (*c*), or (*d*), shall, on application in a subsequent year, be admitted to examination on that subject, so as to complete the minimum requirements for a Certificate, without payment of additional fee, and to examination in any other subject or subjects on payment of a fee of ten shillings.

4. Any Candidate who has failed in more than one of the Special Subjects, but who has passed in such subject or subjects as, with the addition of *one* of those in which the candidate failed, would have sufficed for a Certificate, shall, on application in a subsequent year, be admitted to examination in *that* subject without additional fee, and to examination in any other subject or subjects on payment of a fee of ten shillings.

5. Any candidate who has failed in all the Special Subjects selected shall, on application in a subsequent year, be admitted to examination in the same subjects, or in any two or more of them, on payment of a fee of ten shillings, and to examination in any other subject or subjects (but so as not to exceed the prescribed number), on payment of a further fee of ten shillings.

Fees are not returned under any circumstances.

Bursaries and Prizes are awarded to those who excel in the examinations.

EXAMINATION OF SCHOOLS.

I. Applications to the Board for the appointment of Examiners may be made *before the 1st of April*, 1888. The subjects in which examination is sought must be submitted to the Board for approval.

The Board reserves the right of declining to entertain an application for the appointment of Examiners.

The Examiners' reports will be submitted to the Board before transmission to the Managers or Head-Masters of the schools examined.

The fee for the services of each Examiner is three guineas per day of six hours, whether spent in examining classes or reading written papers.

II. The Managers of any school may present their pupils at the Local Examinations on the following conditions :—

1. The pupils shall be arranged in at most three divisions corresponding to the three groups of Local Examination subjects. When they are arranged in three divisions, papers on the Special Subjects for the Senior Certificate shall be set to the highest division ; papers on the Special Subjects for the Junior Certificate to the second division ; and papers on the Common Subjects to the lowest division. When they are arranged in two divisions or in one division only, the Managers shall specify the two groups or the one group of subjects in which they wish their pupils examined.

2. No Certificate shall be given to the pupils thus examined.

3. A fee of 5s. shall be paid for each pupil.

A special report, stating the results obtained by each pupil in the several subjects of examination, will be sent to the Managers.

Detailed information as to the Subjects of Examination and Bursaries may be found in the Report of the Board for 1887 (containing also the Regulations for 1888), published by Messrs. James MacLehose & Sons, Publishers to the University, 61 St. Vincent Street, Glasgow. Price 6d., or per post, 8d.

APPENDIX III.

LIST OF EXTRA-ACADEMICAL LECTURERS.

List of Extra-Academical Lecturers whose lectures have been recognized by the University Court of the University of Glasgow, for the purpose of graduation in Medicine, in terms of Ordinance No. 15. Glasgow No. 2, section viii., sub-section 5 :—

2 Oct., 1867,	Dr. Stevenson M'Adam, Edin.,	*Practical Chemistry.*
29 July, 1875,	Dr. Joseph Coats, Glasgow,	*Pathology.*
10 Nov., 1875,	Dr. James Dunlop, Glasgow,	*Surgery.*
1 Dec., 1875,	Dr. Thorpe, South Kensington,	*Chemistry.*
19 April, 1876,	Dr. James Gow Black, Otago,	*Chemistry.*
,,	Mr. M. Coughtrey, M.B., Otago,	*Anatomy.*
7 Nov., 1876,	Mr. H. E. Clark, Glasgow,	*Anatomy.*
,,	Dr. John Dougall, Glasgow,	*Materia Medica.*
,,	Dr. Alex. Lindsay, Glasgow,	*Medical Jurisprudence.*
,,	Dr. James Stirton, Glasgow,	*Midwifery.*
,,	Dr. James Morton, Glasgow,	*Materia Medica.*
7 March, 1877,	Dr. Hocken, Otago,	*Clinical Surgery.*
,,	Dr. Gillies, Otago,	*Clinical Medicine.*
12 Sept., 1877,	Dr. A. M. Buchanan, Glasgow,	*Anatomy.*
,,	Dr. Robert Perry, Glasgow,	*Clinical Medicine.*
,,	Dr. Jas. Finlayson, Glasgow,	*Clinical Medicine.*
,,	Dr. Alex. Patterson, Glasgow,	*Clinical Surgery.*
15 May, 1879,	Dr. D. N. Knox, Glasgow,	*Systematic Surgery.*
21 Dec., 1880,	Mr. A. G. Miller, F.R.C.S.E., Edinburgh,	*Surgery.*
,,	Dr. Joseph Bell, Edinburgh,	*Clinical Surgery.*
,,	Dr. William Craig, Edinburgh,	*Materia Medica and Therapeutics.*
,,	Dr. J. O. Affleck, Edinburgh,	*Practice of Medicine.*
,,	Dr. B. C. Waller, Edinburgh,	*Pathology.*
,,	Dr. F. W. Moinet, Edinburgh,	*Materia Medica and Therapeutics.*
,,	Dr. John Barlow, Glasgow,	*Physiology.*
,,	Dr. Samson Gemmell, Glasgow,	*Practice of Medicine.*
31 Mar., 1881,	Dr. H. Aubrey Husband, Edin.,	*Medical Jurisprudence.*
24 May, 1881,	Dr. Byrom Bramwell, Edin.,	*Practice of Medicine.*
7 Dec., 1881,	Dr. H. C. Cameron, Glasgow,	*Clinical Surgery.*
,,	Dr. G. P. Tennent, Glasgow,	*Clinical Medicine.*

26 Jan., 1882,	Mr. D. C. M'Vail, M.B., Glas.,	*Practice of Medicine.*
,,	Dr. James M. Milne, Glasgow,	*Chemistry.*
,,	Dr. W. L. Reid, Glasgow,	*Midwifery.*
13 Feb., 1883,	Dr. Wm. MacEwen, Glasgow,	*Surgery.*
,,	Dr. D. Newman, Glasgow,	*Pathology.*
,,	Mr. John Glaister, M.B., Glas.,	*Forensic Medicine.*
,,	Dr. Neil Carmichael, Glasgow,	*Materia Medica.*
,,	Dr. Eben. Duncan, Glasgow,	*Medical Jurisprudence.*
27 May, 1884,	Mr. Johnson Symington, M.B., Edinburgh,	*Anatomy.*
,,	Mr. James T. Carter, L.R.C.S., Glasgow,	*Anatomy.*
22 July, 1885,	Professor James J. Dobbie, M.A., D.Sc., University Coll., Bangor,	*Chemistry.*
,,	Mr. Reginald W. Phillips, B.A., B.Sc., University Coll., Bangor,	*Botany.*
29 Oct., 1885,	Professor Dittmar, Anderson's College, Glasgow,	*Chemistry.*
28 April, 1886,	Professor A. Smithells, B.Sc., Yorkshire College, Leeds,	*Chemistry.*

APPENDIX IV.

STUDENTS' SOCIETIES.

THEOLOGICAL SOCIETY.

The object of the Society is to discuss, by means of essays and debates, theological and ecclesiastical questions. The membership of the Society is open to all students attending the Divinity Hall of the University.

Honorary President.
The Rev. Professor Flint, D.D., LL.D.
President—John Cameron, M.A.
Vice-President—John A. Findlay, M.A.
Secretary—James Carswell, M.A.
Treasurer—Walter E. Lee, M.A.

Committee.

Andrew Baird, M.A.
Thomas Brown, M.A.
Duncan B. Macdonald, M.A.
John Reid.

(With two other members to be elected in November.)

MEDICO-CHIRURGICAL SOCIETY.

The principal business of the Society is the prosecution of Medical Research by Dissertations and Debates.

All Medical Students and Medical Men of one year's standing are eligible for Ordinary Membership, which may be obtained on payment of the Annual Subscription of Two Shillings and Sixpence.

All Qualified Medical Practitioners of more than one year's standing are eligible for Extraordinary Membership.

Meetings of the Society are held in the Forensic Medicine Class-Room every Friday Evening during the Winter Session, at 7.30.

Office-Bearers for Session 1887-88.

Honorary President—Professor Sir G. H. B. Macleod, M.D.
President—Hugh Dickie, M.A.

Vice-Presidents.
Senior—Harry J. Younger, M.A.
Junior—Hugh Jones.

Secretaries.
Corresponding—Herbert O. Cowen.
Minute—Oswald Rees.
Treasurer—William Wallace, M.A.
Librarian—J. M'C. Johnston, M.A.

Committee.
J. E. Duncan.
John Livingstone.
Alex. R. Fraser.
Ferdinand Rees.
Arthur Scott.
Stuart Macbirnie.

DIALECTIC SOCIETY.

Honorary President.
Richard C. Jebb, LL.D., Professor of Greek in the University.
President—Alexander D. Blacklock, M.A.

Vice-Presidents.
Senior—John H. Harley.
Junior—Marshall B. Lang.

Secretaries.
Senior—David M. Menzies, M.A.
Junior—J. W. Maclaren.

Treasurer—John Johnston, M.A.

General Board.
J. M. Bennet.
Hugh Black.
D. C. S. Blacklock.
John Cameron, M.A.
Thomas W. Cuthbertson.
W. E. Lee, M.A.
A. A. Mitchell, M.A.
A. Fraser Macrae.
J. Nisbet.

GLASGOW UNIVERSITY ORIENTAL SOCIETY.

(Instituted 1880.)

The object of the Society is the study of the languages and literatures of the East.

All Students of Oriental languages are eligible for election to the membership.

The Society meets twice a year—in the months of April and October.

Office-Bearers.
President—Rev. Professor James Robertson, D.D.
Vice-President—Mr. R. B. Pattie, B.D.
Corresponding Secretary—Rev. James Young, B.D.
Recording Secretary—Rev. A. R. S. Kennedy, B.D.
Treasurer—Rev. George Anderson, B.D.

GLASGOW UNIVERSITY ORCHESTRAL SOCIETY.

This Society was formed in January, 1885, at a general meeting of Students, presided over by Wm. Galbraith Miller, Esq. The Society has for its object the promotion of the study and practice of Instrumental Music among Members of the University. The membership is open to present and former Students of the University. Others, however, may be admitted by special resolution of the Committee.

Patrons.
The Very Rev. Principal Caird.
Professor Sir William Thomson.
,, Grant.
,, Nichol.
,, Gairdner.
,, Ramsay.
,, Veitch.
,, Edward Caird.
Professor Young.
,, Stewart.
,, Ferguson.
,, Jebb.
,, M'Kendrick.
,, Robertson.
,, Jack.
W. Galbraith Miller, Esq., Advocate.
J. T. Bottomley, Esq.

Office-Bearers.
Honorary President.
Professor Young.
President—Professor Ferguson.
Secretary and Treasurer—George Guthrie, M.A., LL.B., 21 Montgomerie Drive.
Librarian—Robert G. Reid.

General Committee.
W. G. Miller, Esq.
Charles Beckett, M.A., LL.B.
V. Zinkeisen, jr.
Robert G. Reid.
Conductor—Mr. Montague Smith.

GLASGOW UNIVERSITY CHORAL SOCIETY.

The Society meets for practice in one of the Class-Rooms of the College on one evening of the week during the Winter Session. The music consists of glees, part-songs, etc., for male voices only. The annual Concert is given towards the end of the Session. The Membership Subscription is 2s. 6d. All Students interested in Music are invited to join the Society.

Office-Bearers for Session 1887-88.
President—Professor Sir William Thomson, LL.D., D.C.L.
Conductor—Mr. Montague Smith (Organist to the University).
Librarian—T. W. Hay.
Secretary—James M. Pattullo.
Treasurer—H. Kirkland.

Committee.

J. Arthur Brown.
James Buchanan.
James Buick.
James Cairns.
John M. Campbell.
John Coats.
J. Crawford.
William R. Jack, B.Sc.
George Jeffray.
James C. Menzies.
L. C. M'Arthur, M.A.
Andrew N. M'Gregor.
Duncan A. C. Reid, M.A.
James W. Reid.
William Robertson.
W. F. Somerville, M.D.
George Thomson.

GLASGOW UNIVERSITY MISSIONARY SOCIETY.

(Instituted 1821.)

Office-Bearers for 1887-88.

Honorary President—Rev. Professor Story, D.D.
President—Thomas Brown, M.A.
Vice-President—James Craig, M.A.
Superintendents of Home Missions—John A. Findlay, M.A.; John Reid.
Secretary—Moses Taggart, Gartferry House, Chryston.
Assistant Secretary—Robert Kilgour, M.A.
Librarian—Hugh Sutherland, M.A.
Treasurers—Walter E. Lee, M.A.; James Carswell, M.A.

Members of Committee.

Andrew Baird, M.A.
Duncan Cameron.
John Cameron, M.A.
John Johnstone, M.A.
Marshall B. Lang.
James M'Donald, M.A.
William Muirhead, M.A.
E. A. Rankine, M.A.
D. A. Reid, M.A.
J. S. Thomson, M.A.

GLASGOW UNIVERSITY CHRISTIAN ASSOCIATION.

The object of this Society is the promotion of religious life and fellowship in the University.

In connection with the Association there are held—Weekly Prayer Meetings, occasional Sunday Evening Services.

Office-Bearers.

Hon. President—Professor John Gray M'Kendrick, M.D., LL.D., F.R.S.
President—Alexander Morris Stewart.
Vice-President—David Smith.
Secretary—Alexander G. Mowat, M.A.
Assist.-Secretary—David C. Gray.
Treasurers—
Marshall B. Lang.
William H. Porter.

Committee.

Thomas R. Barnett.
Herbert O. Cowen.
L. Clayton Grosvenor.
Moses Forsyth.
John Sandilands, M.A.
Robert Sharp.

Honorary Members—

Professor Dickson.
,, Sir William Thomson.
,, Ramsay.
,, Veitch.
,, Sir G. H. B. Macleod.
,, Simpson.

Professor Stewart
,, Jebb.
,, M'Kendrick.
,, Robertson.
,, Charteris.
,, Story.

GLASGOW UNIVERSITY ATHLETIC CLUB.

Honorary President—Professor Bower, M.A., F.L.S.
President—J. H. Tait, M.A.
Vice-President—J. F. Fergus, M.A.
Hon. Secretary—Robert Hutcheson, LL.B., 115 Wellington St., Glasgow.
Hon. Treasurer—Warren Crosbie, B.L., 153 St. Vincent St., Glasgow.

General Committee (including Office-Bearers).

R. B. Young, M.B.
D. L. Kirkwood.
M. P. Fraser.
J. N. Macleod.
W. E. Lee.
H. J. Younger.
H. E. H. Lewis.
J. G. M'Call.
R. Donaldson.

Sub-Committees.

Rugby Football.

J. N. Macleod.
C. F. P. Fraser.
H. Findlay.
Jas. Lade.
Robt. Donaldson, 5 Princes Terrace, Dowanhill, Secretary.

Tennis.

H. J. Younger.
G. S. Jackson.
J. Yule Mackay, M.D.
J. A. Brown.
Warren Crosbie, 153 St. Vincent Street, Secretary.

Cricket.

M. P. Fraser.
H. E. H. Lewis.
E. H. Fyffe.
D. L. Taylor.
A. C. Smith, 198 West George Street, Secretary.

Track.

J. N. Macleod.
C. F. P. Fraser.
W. E. Lee.
W. Graham.
W. E. Lee, 63 West Cumberland Street, Secretary.

The object of the Club is the promotion of all forms of Athletic exercise. The Membership is confined to present and past Students of the University. The University Gymnasium is affiliated to the Club, and Members receive instruction in the Gymnasium at a reduced rate. The affairs of the Club are managed by a General Committee and Sub-Committees, one for each form of Athletic exercise. The General Committee are entrusted with the management of all matters concerning the Field, Pavilion, Annual Games, &c. The Sub-Committees are entrusted with the arrangements for each special form of exercise, subject always to the approval of the General Committee. The Annual Subscription to the Club is 2s. 6d., with a further Subscription for each form of exercise. None but Members of the Club are entitled to play any game under charge of any Sub-Committee. Practising on the Track is under the charge of the Track Committee. By permission of the Senate, non-Students who are ineligible for Membership are allowed to practise on the Track under certain conditions. The annual charge for such has been fixed at 10s.

The Annual General Meeting is held on the second last Friday in March. Special Meetings are held when required.

GLASGOW UNIVERSITY TOTAL ABSTINENCE SOCIETY.

(Instituted 1844.)

The object of the Society is to bring together by means of social meetings, etc., the abstaining students in the University.

Office-Bearers for 1887-88.

Honorary President—Professor M'Kendrick, M.D., LL.D.

Honorary Vice-Presidents—Geo. A. Gibson, M.A.:
J. H. Fullarton, M.A., B.Sc.

President—J. A. S. Little, M.A.

Vice-President—N. De G. Davies.

Secretary—W. G. Robertson, 1 Westbank Quadrant.

Committee.

Hugh Black.	G. A. S. M'Neil.
George Simpson.	J. H. Maclean.

With five others to be elected in November.

Abstainers are requested to send their names and addresses to the Secretary in the first week of November. Subscription voluntary.

UNIVERSITY OF GLASGOW STUDENTS' REPRESENTATIVE COUNCIL.

President—Gavin Lambie, M.A.

Vice-Presidents—Hugh Dickie, M.A.; Hugh Stevenson, jun., M.A.

Secretary—James B. Grant, M.A., 3 Bellevue Terrace, Edinburgh.

Assistant-Secretaries—A. D. Blacklock; Marshall B. Lang; E. A. Rankin, M.A.; C. E. Robertson.

Treasurer—Hugh Kirkland, 2 Ashton Place, Byars Road.

Executive Committee.

Divinity—John Cameron, M.A. *Law*—D. M. Menzies, M.A. *Medicine*—A. R. Fraser; Geo. Thomson. *Arts*—Robert Langmuir, Geo. Eyre-Todd, and Hugh Walker.

The aims of the Students' Representative Council are—(1) to represent the Students in matters affecting their interests; (2) to afford a recognized means of communication between the Students and the University authorities: (3) to promote social and academic unity among the Students.

APPENDIX V.

ORDINANCE No. 15, GLASGOW No. 2.

Printed by order of Senate of date 16th April, 1885, and containing all the alterations sanctioned by the Privy Council, till 26th March, 1885, inclusive.

ORDINANCE No. 15, GLASGOW No. 2.

[GLASGOW—REGULATIONS FOR DEGREES IN MEDICINE.]

At Edinburgh, the sixteenth day of March, Eighteen hundred and sixty-one Years.

WHEREAS, by an Act passed in the twenty-first and twenty-second years of the reign of Her present Majesty, chapter eighty-three, intituled, "An Act to make provision for the better Government and Discipline of the Universities of Scotland and improving and regulating the Course of Study therein; and for the Union of the Two Universities and Colleges of Aberdeen," the Commissioners under the said Act are empowered, *inter alia*, to make rules for the management and ordering of the several Universities of Scotland, the course of study and manner of teaching therein, the manner of examination, with the qualifications, appointment, and number of Examiners, and the amount and manner of their remuneration, and the granting of degrees, whether in Arts, Divinity, Law, or Medicine, in the several Universities of Scotland: The Commissioners statute and ordain, with reference to the granting of degrees in Medicine in the University of Glasgow, as follows:—

I. The degrees in Medicine to be hereafter granted by the University of Glasgow shall be divided into three classes, and be designated respectively Bachelor of Medicine (M.B.), Master in Surgery (C.M.), and Doctor of Medicine (M.D.)

II. The preliminary branches of extra-professional education shall be English, Latin, Arithmetic, the Elements of Mathematics, and the Elements of Mechanics; and the proficiency of students in these branches shall be ascertained by examination prior to the commencement of their medical study.

III. No candidate shall be admitted to a professional examination who has not passed a satisfactory examination on at least two of the following subjects, in addition to the subjects mentioned above:—Greek, French, German, Higher Mathematics, Natural Philosophy, Logic, Moral Philosophy ; and the examination on these subjects shall, as far as possible, take place before the candidate has entered on his medical curriculum.

IV. The examinations in extra-professional education shall be conducted by some of the Examiners in Arts (who may be Professors), together with some of the Medical Examiners.

V. A degree in Arts (not being an honorary degree) of any of the Universities of England, Scotland, and Ireland, and also a degree in Arts of any Colonial or Foreign University, which may for this purpose have been specially recognized by the University Court, shall exempt candidates from all preliminary examination.

VI. No one shall be admitted to the Degree of Bachelor of Medicine or Master in Surgery who has not been engaged in medical and surgical study for four years—the medical session of each year, or *annus medicus*, being constituted by at least two courses of not less than one hundred lectures each, or by one such course and two courses of not less than fifty lectures each ; but, in the case of the Clinical Courses, it shall be sufficient that the lectures be given at least twice a week during the prescribed periods.

VII. Every candidate for the degrees of Bachelor of Medicine and Master in Surgery shall give sufficient evidence by certificates :—

(1.) That he has studied each of the following departments of medical science, viz. :—

ANATOMY,	During Courses including not less than One Hundred Lectures.
CHEMISTRY,	
MATERIA MEDICA and PHARMACY,	
INSTITUTES of MEDICINE or PHYSIOLOGY,	
PRACTICE OF MEDICINE,	
SURGERY,	
MIDWIFERY, and the DISEASES peculiar to WOMEN and CHILDREN ; two courses of Midwifery, of three months each, being reckoned equivalent to a six months' course, provided different departments of Obstetric Medicine be taught in each of the courses,	
PATHOLOGICAL ANATOMY, during a three months' course of lectures, together with a supplemental course of Practice of Medicine or Clinical Medicine ; or a course of not less than one hundred lectures on General Pathology,	
PRACTICAL ANATOMY,	Six Months.
PRACTICAL CHEMISTRY,	Three Months.
PRACTICAL MIDWIFERY.	Three Months at a Midwifery Hospital, or a certificate of Attendance on Six Cases from a Registered Medical Practitioner.
CLINICAL MEDICINE,	During Courses of Six Months, or Two Courses of Three Months ; Lectures being given at least twice a Week.
CLINICAL SURGERY,	
MEDICAL JURISPRUDENCE,	During Courses including not less than Fifty Lectures.
BOTANY,	
ZOOLOGY with COMPARATIVE ANATOMY,	

(2.) That he has attended for at least two years the medical and surgical practice of a general hospital, either at Glasgow or elsewhere, which accommodates not fewer than eighty patients, and possesses a distinct staff of physicians and surgeons.

(3.) That he has attended, during a course of not less than fifty hours' instruction, the class of Practical Materia Medica in the University of Glasgow; or a similar class in a University or School of Medicine, attendance on which is recognized by Ordinance No. 15, Glasgow No. 2, Section viii., Sub-sections 2 and 4; or a similar class conducted by a teacher recognized by the University Court under Ordinance No. 15, Glasgow No. 2, Section viii., Sub-section 5; or, that he has been engaged for at least three months, by apprenticeship or otherwise, in compounding and dispensing drugs at the laboratory of an hospital, dispensary, member of a Surgical College or Faculty, of a licentiate of the London or Dublin Society of Apothecaries, or of a member of the Pharmaceutical Society of Great Britain.

(4.) That he has attended for at least six months, by apprenticeship or otherwise, the out-practice of an hospital, or the practice of a dispensary, or of a physician, surgeon, or member of the London or Dublin Society of Apothecaries.

VIII. The studies of candidates for the degrees of Bachelor of Medicine and Master in Surgery shall be subject to the following regulations:—

(1.) One at least of the four years of medical and surgical study above required must be in the University of Glasgow.

(2.) Another of such four years must be either in the University of Glasgow or in some other University entitled to give the degree of Doctor of Medicine.

(3.) Attendance during at least six winter months on the medical or surgical practice of a general hospital which accommodates at least eighty patients, and during the same period on a course of Practical Anatomy, may be reckoned as one of such four years; and to that extent shall be held equivalent to one year's attendance on courses of lectures, as hereinbefore prescribed.

(4.) One year's attendance on the Lecturers or Teachers of Medicine in the Hospital Schools of London, or in the School of the College of Surgeons in Dublin, may be reckoned as one of such four years; and to that extent shall be held as attendance on courses of lectures as hereinbefore prescribed.

(5.) If the University Court shall, at any time, by regulation to that effect, which it is hereby empowered to make, recognize, for the purpose of graduation in the University, the lectures of any private Teacher or Teachers of Medicine, then, and in that case, attendance on such lectures may be reckoned in place of the year's attendance under sub-section (4), or as part thereof, as the case may be: provided always, that no course of lectures of a private Teacher on any subject taught by a Professor of the University shall be recognized, without the consent of the Chancellor of the University.

(6.) Candidates may, to the extent of four of the departments of medical study above required, attend in such year or years of their medical and surgical studies as may be most convenient to them, the lectures of the Teachers of Medicine specified in sub-sections (4) and (5).

(7.) In the event of the lectures of any private Teachers of Medicine being recognized in terms of sub-section (6), all candidates availing themselves of the permission to attend the lectures of such Teachers, and not being, at the time, matriculated students of the University, must, at the commencement of the year of such attendance, enrol their names in a book to be kept by the University for that purpose, paying a fee of one half the amount of the matriculation fee paid by students of the University ; but they shall not be thereby entitled to any of the privileges of a matriculated student of the University.

(8.) The fee for attendance on the lectures of any private Teacher, with a view to graduation, shall not be of less amount than that exigible by Medical Professors of the University for the same course of instruction.

(9.) No attendance on lectures shall be reckoned, if the Teacher gives instruction in more than one of the prescribed branches of study, except in those cases where Professors of the University are at liberty to teach more than one branch.

(10.) It shall not be necessary for any private Teacher, attendance on whose lectures is now* recognized for the purpose of graduation in the University, to obtain a new recognition from the University Court.

(11.) It shall be in the power of the University Court, if they shall see cause, at any time to withdraw or suspend the recognition of any private Teacher or Teachers.

IX. Every candidate for the degrees of Bachelor of Medicine and Master in Surgery shall lodge with the Clerk of Senate, at such period of the year in which he proposes to graduate, as may be fixed for that purpose by the Senatus Academicus—

(1.) A declaration in his own handwriting, that, on the day of graduation, he will have completed his twenty-first year, and will not be under articles of apprenticeship.

(2.) A statement of his studies, as well in Literature and Philosophy as in Medicine, accompanied with proper certificates.

X. Every candidate for the degrees of Bachelor of Medicine and Master in Surgery shall be examined both in writing and *viva voce*, First, on Chemistry, Botany, and Natural History ; Second, on Anatomy and Physiology ; Third, on Regional Anatomy, Materia Medica, and Pharmacy ; and Fourth, on Surgery, Clinical Surgery, Medicine, Clinical Medicine, Pathology, Midwifery, and Forensic Medicine. The examination in Chemistry shall include Practical Chemistry ; and the Examinations in Anatomy and Physiology shall include Practical Anatomy, Histology, and Practical Physiology ; and the Examinations in Surgery shall include Operative Surgery.

XI. Students may appear for examination in the first of the foregoing divisions of subjects, who have completed their attendance on the required courses during one winter and one summer session : provided always that students shall not be admitted to such examination at an earlier date than the period of examination immediately preceding their second winter session of professional study, and that students who com.

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* *i.e.*, 16th March, 1861.

menced their medical studies in the summer session shall not be admitted to a degree in medicine unless their course of study, subsequent to the completion of the summer session in which they commenced their medical studies, shall not be less than the minimum course of four years prescribed by this Ordinance.

XII. Students who have passed the first examination may appear for examination in the second division of subjects after having completed their attendance on the requisite courses (including those of the subjects of examination) after the lapse of two winter and three summer sessions from the time of the commencement of their studies, provided always that students who have commenced their medical studies with a winter session may appear for examination in the second division of subjects after the lapse of two winter and two summer sessions from the time of the commencement of their studies.

XIII. Students who have passed the two previous examinations may appear for examination in the third division of subjects at any of the terms fixed for examination by the Senate, after the conclusion of the third winter's session of attendance upon Medical Classes (including those of the required subjects).

XIV. Students who have passed the examinations in the subjects of the three previous divisions may appear for examination in the subjects of the fourth division at the first term for the final examination after the conclusion of their Curriculum of study.

XV. If any candidate, on examination, be found unqualified, he shall not be again admitted to examination, unless he shall have completed another year of medical study, or such portion of another year as may be prescribed by the Examiners when he is found unqualified.

XVI. That on and after the 1st day of April, one thousand eight hundred and seventy-six years, the Medical Examiners for Graduation in Medicine in the said University shall be the Professors in the Faculty of Medicine therein, and in addition not fewer than six persons specially qualified to examine in the subjects of the Medical Curriculum. Such persons shall be appointed by the University Court under such regulations as may be issued by the said Court from time to time. Each of such Examiners, or so many of them as shall be arranged with the Lords Commissioners of Her Majesty's Treasury, shall receive remuneration from the sum of two hundred and forty pounds, now annually voted by Parliament for additional Examiners in Medicine in the University. Of the Examiners first appointed by the University Court, two shall be appointed for the term of three years, two for the term of four years, and the remaining Examiners for the term of five ; and thereafter every Examiner shall be appointed for the term of four years ; and no person who has been appointed to the office of Examiner for four or five years shall, except in special circumstances, be eligible for reappointment until he has ceased to hold the office of Examiner in the University for not less than one year : provided always that in the event of a vacancy arising in the office of Examiner before his term of office has expired, it shall be lawful for the University Court to appoint another Examiner in his room, to act during the unexpired term of his office.

XVII. The degree of Master in Surgery shall not be conferred on any person who does not at the same time obtain the degree of Bachelor of Medicine, nor shall the degree of Bachelor of Medicine be conferred on any one who does not at the same time obtain the degree of Master in Surgery.

XVIII. The degree of Doctor of Medicine may be conferred on any candidate who has obtained the degree of Bachelor of Medicine, and is of the age of twenty-four years, and has been engaged, subsequently to his having obtained the degree of Bachelor of Medicine, for at least two years in attendance on an hospital, or in the Military or Naval medical service, or in medical or surgical practice: provided always that the degree of Doctor of Medicine shall not be conferred on any person, unless he be a graduate in Arts within the fifth section of this Ordinance, or unless he shall have passed a satisfactory examination in Greek, and in Logic or Moral Philosophy, and in one, at least, of the following subjects, namely, French, German, Higher Mathematics, Natural Philosophy, and Natural History. Provided also that each candidate for the degree of Doctor of Medicine shall present an Inaugural Dissertation composed by himself to be approved by the Senatus Academicus.

XIX. The Senatus Academicus shall, from time to time, as they think expedient, appoint the period or periods of the year at which degrees in Medicine shall be conferred.

XX. The provisions of this Ordinance shall come into operation at the commencement of the winter session in the University next after the approval thereof by Her Majesty in Council.

XXI. Candidates who shall have begun their medical studies before the date at which this Ordinance shall come into operation, shall be entitled to graduate under the system in force before or after that date, according as they shall comply with the regulations in force in the University before or after that date.

In witness whereof, these presents are sealed with the seal of the Commission.

Approved by Order in Council, dated 26th June, 1861.

APPENDIX VI.

GERMAN LITERATURE AND PHILOLOGY.

In 1887, the Senate instituted a Lectureship on German Literature and Philology. Dr. Ernst Elster has been appointed Lecturer for Session 1887-8. He will deliver two Courses of twenty lectures each. The one Course, to be delivered in German, will treat of German Literature; the other, to be delivered in English, will discuss questions of Philology. Fee for the two Courses, One Guinea and a half; for either Course, One Guinea.

Subjects of Literature Course: Contemporaries of Goethe and Schiller—Romantic School—Young Germany—Modern Literature till the death of Heine.

Subjects of Philology Course: Laws of Phonetic Change as shown in the historical transformation of the German tongue—German Accidence and Syntax.

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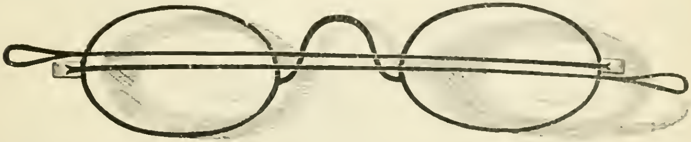

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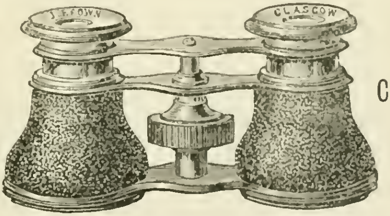

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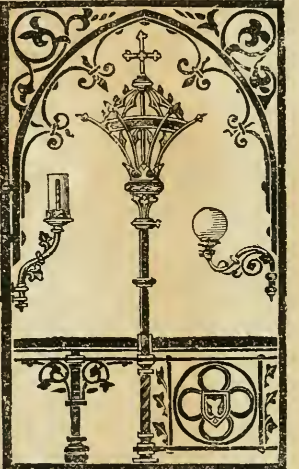

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